SUMMER 2021 – FIRST 4-WEEK SESSION: MAY 24 - JUNE 18

Please note: the class schedule is subject to change.
Please check WebAdvisor for the most current class offerings.

ACCOUNTING

ACCTG 4A  FINANCIAL ACCTG (4 Units)
This course covers the accounting information system, examining why it is important and how it is used by investors, creditors, and others to make decisions. It includes recording and reporting of business transactions with a focus on the accounting cycle, and the application of generally accepted accounting principles for the preparation of financial statements. This course includes issues relating to asset, liability, equity valuation, revenue and expense recognition, cash flow, internal control and ethics. ADVISORIES: Accounting 40, eligibility for English 125, 126, and Mathematics 201 (A, CSU, UC) (C-ID ACCT 110)

Online Class Offering(s)
ACCTG 4A-82147 DAILY 1:00pm-4:25 WEB P.FREDIERE and DAILY 4:35pm-5:25 CCC WEB P.FREDIERE
Meets from 05/24 to 06/18 (This is a 100% online class. Students will be required to attend some synchronous (live) online sessions Monday-Friday 1:00-5:25pm, between 05/24 - 06/18. Enrolled students must check their Canvas account by the first day of the class. Failure to do so may result in the student being dropped from the course.)

AMERICAN SIGN LANGUAGE

ASL 1  BEG AM SIGN LANG (4 Units)
ASL 1 is a course in everyday communication with the Deaf and severely hearing impaired and intended for students with no knowledge of ASL. This class is an introduction to vocabulary, idioms, grammar, the culture of the deaf community, and appropriate behavior for social interaction with the deaf. ADVISORIES: Eligibility for English 1A. (A, CSU-GE, UC, I)

Online Class Offering(s)
ASL 1-82184 WEB WEB WEB WEB O.RUIZ
Meets from 05/24 to 06/18 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
ASL 1-82183 MTWTh 8:00am-12:30 WEB K.CATRON
Meets from 05/24 to 06/18 (This is a 100% online class. Students will be required to attend synchronous (live) online sessions on MTWTh, 8-12:30pm. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

ANTHROPOLOGY

ANTHRO 1  Biological Anthro (3 Units)
This course introduces the concepts, methods of inquiry, and scientific explanations for biological evolution and application to the human species. Topics and issues to be addressed may include, but are not limited to: genetics evolutionary theory modern human variation and biocultural adaptations primate evolution and comparative primate anatomy and behavior and the fossil evidence for human evolution. The scientific method serves as a foundation of inquiry for this course. ADVISORIES: Eligibility for English 1A. (A, CSU-GE, UC, I)
Online Class Offering(s)
ANTHRO 1-82007 WEB WEB WEB L.TAYLOR
Meets from 05/24 to 06/18 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
ANTHRO 1-82008 WEB WEB WEB L.TAYLOR
Meets from 05/24 to 06/18 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

ART

ART 2  ART APPRECIATION (3 Units)
Lecture course to learn the cultural significance of the arts. Instruction will cover media and movements. Students will also learn the elements and principles of design to understand the visual language of the arts and the methods used by artists to communicate ideas to the public. Course also emphasizes the multicultural visual dialogue that occurs throughout the different communities in the world. ADVISORIES: Eligibility for English 125 and 126. (A, CSU-GE, UC, I)(C-ID ARTH 100)

Online Class Offering(s)
ART 2-82010 WEB WEB WEB T.LYONS
Meets from 05/24 to 06/18 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

BIOLOGY

BIOL 3  INTRO LIFE SCI (4 Units)
This course is recommended for the non-biological science and pre-education majors. This is an introductory course using biological concepts. The cellular and organismal structure, function, inheritance, evolution, and ecology are covered. Field trips may be required. ADVISORIES: Eligibility for English 125 and 126. (A, CSU-GE, UC, I)

Online Class Offering(s)
BIOL 3-82078 WEB WEB WEB S.COFFMAN and TBA TBA CCC WEB S.COFFMAN
Meets from 05/24 to 06/18 (This is a 100% online class. Students that are enrolled must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course. Please contact instructor at stephanie.coffman@cloviscollege.edu for more information.)

BIOL 10  Intro to Life Science Lecture (3 Units)
This lecture course is recommended for the non-biological science and pre-education majors. This is an introductory course using biological concepts. The organismal structure, function, inheritance, evolution, and ecology are covered. Field trips may be required. Not open to students with credit in Biology 3. ADVISORIES: Eligibility for English 1A. (A, CSU-GE, UC, I)

Online Class Offering(s)
BIOL 10-82108 WEB WEB WEB J.HENDRIXSON
Meets from 05/24 to 06/18 (This is a 100% online class. Students that are enrolled must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course. Please contact instructor at jan.hendrixson@cloviscollege.edu for more information. BIOL 10 does not include a laboratory. The laboratory is offered separately as BIOL 10L. Please see a counselor if you have any questions. This course is not open to students with credit in Biology 3.)
BUSINESS ADMINISTRATION

BA 10  INTRO TO BUSINES (3 Units)
A survey in business providing a multidisciplinary examination of how culture, society, economic systems, legal, international, political, financial institutions, and human behavior interact to affect a business organization's policy and practices within the U.S. and a global society. Demonstrates how these influences impact the primary areas of business including: organizational structure and design leadership, human resource management, organized labor practices marketing organizational communication technology entrepreneurship legal, accounting, financial practices the stock and securities market and therefore affect a business' ability to achieve its organizational goals. ADVISORIES: Eligibility for English 125, 126, and Mathematics 201. (A, CSU, UC)(C-ID BUS 110)

Online Class Offering(s)
BA 10-82110 WEB WEB WEB WEB M.ALANIS
Meets from 05/24 to 06/18 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the class. Failure to do so may result in the student being dropped from the course. Please contact the instructor through Canvas for more information.)

BA 30  Personal Finance (3 Units)
This course examines the integration of personal financial management with physiological and psychological well-being, and the life-long impact financial decisions have on individuals, families, and society. Topics include time value of money financial planning strategies money and credit management home ownership home, health, and auto insurance needs savings and investment strategies and retirement and estate planning. ADVISORIES: Eligibility for Mathematics 201 and English 1A. (A, CSU)

Online Class Offering(s)
BA 30-82112 WEB WEB WEB WEB M.ALANIS
Meets from 05/24 to 06/18 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the class. Failure to do so may result in the student being dropped from the course. Please contact the instructor through Canvas for more information.)

CHEMISTRY

CHEM 3A  INTRO GEN CHEM (4 Units)
This is a survey course in the principles of inorganic chemistry covering the composition of matter, physical and chemical changes, atomic and molecular structure, inorganic nomenclature, chemical formula and reaction calculations, gas laws, bonding, solutions, net-ionic equations, acid-base theories, pH, oxidation-reduction reactions, thermodynamics, nuclear chemistry and equilibrium. The course emphasizes problem solving and chemical calculations. Both qualitative and quantitative theory and techniques will be covered. It is intended for applied science and non-science majors or for students preparing to take Chemistry 1A. PREREQUISITES: Mathematics 103. ADVISORIES: English 1A, Chemistry 10 or high school chemistry. (A, CSU-GE, UC, I)(C-ID CHEM 101)

Online Class Offering(s)
CHEM 3A-82087 WEB WEB WEB K.HEREDIA
and
TBA TBA CCC WEB K.HEREDIA
Meets from 05/24 to 06/18 (This is a 100% online class. Students that are enrolled must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course. Please contact instructor at katie.heredia@cloviscollege.edu for more information.)
COMMUNICATION

COMM 1  PUBLIC SPEAKING (3 Units)
Fundamentals of public speaking utilizing theories and techniques of communication to enhance public speaking skills. Particular emphasis is on the organization and criticism of public discourse. This is achieved through research, reasoning, presentations, and the evaluation of various types of speeches which include informative and persuasive speeches. ADVISORIES: Eligibility for English 1A or 1AH. (A, CSU, CSU-GE, UC, I) (C-ID COMM 110)

Online Class Offering(s)
COMM 1-82000 WEB WEB WEB H.WINIGER
Meets from 05/24 to 06/18 (This is a 100% online class. Students will be required to attend some synchronous (live) online sessions on MTWTH from 8:00-11:20am between 5/24-6/18. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

COMM 2  INTERPERSON COM (3 Units)
Interpersonal communication is designed to increase understanding and implementation of effective interpersonal communication behaviors and skills. This course examines basic practical everyday communicative interaction, emphasizing behavioral aspects of interpersonal communication, self-concept, perception, listening, non-verbal communication, conflict, language, gender, and cultural differences. Students engage in both paired/group communication and the development of oral presentations. ADVISORIES: Eligibility for English 1A or 1AH. (A, CSU-GE, UC) (C-ID COMM 130)

Online Class Offering(s)
COMM 2-82006 WEB WEB WEB D.CAVALLERO
Meets from 05/24 to 06/18 (This is a 100% online class. Students will be required to attend some synchronous (live) online sessions on T, from 8:00-1:10pm between 5/24-6/18. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

COOPERATIVE WORK EXPERIENCE

COTR 19G  COOP TRN GENERAL (1-6 Units)
Supervised employment, not directly related to the student's major. Students may enroll for a maximum of 6 units per semester. Students earn units using the following formula: for paid work, 75 hours = 1 unit for volunteer work, 60 hours = 1 unit. Note: Repetition of Cooperative Work Experience courses is allowable under Title 5, §55253. (A, CSU)

Online Class Offering(s)
COTR 19G-82168 WEB WEB WEB C.HOLDEN
Meets from 05/24 to 06/18 (Students are required to attend the following online orientation meeting: Thursday, 05/27 from 5:00-6:00pm. Students that are enrolled must check their Canvas account by the first day of class. Students must be employed to enroll in and complete the class. Zoom meeting links will be posted in Canvas.)
ECONOMICS

ECON 1A  MACROECONOMICS (3 Units)
An introduction to macroeconomic theory and aggregate economic analysis covers market systems, the banking system, international economics, economic policy, national income accounting, unemployment and inflation, and economic growth. PREREQUISITES: Mathematics 201. ADVISORIES: Eligibility for English 1A and Mathematics 103. (A, CSU, CSU-GE, UC, I) (C-ID ECON 202)

Online Class Offering(s)
ECON 1A-82124  WEB  WEB  WEB  V.PIPER
Meets from 05/24 to 06/18 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the class. Failure to do so may result in the student being dropped from the course. Please contact the instructor through Canvas for more information.)

ECON 1B  MICROECONOMICS (3 Units)
An introduction to micro economic theory covers the choices of individual economic decision makers, elasticity, scarcity, income distribution, market structure, market failure, production and cost theory, specialization and trade, and the role of the public sector. PREREQUISITES: Mathematics 201. ADVISORIES: Eligibility for English 1A and Mathematics 103. (A, CSU, CSU-GE, UC, I) (C-ID ECON 201)

Online Class Offering(s)
ECON 1B-82126  WEB  WEB  WEB  V.PIPER
Meets from 05/24 to 06/18 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the class. Failure to do so may result in the student being dropped from the course. Please contact the instructor through Canvas for more information.)

EDUCATION

EDUC 10  INTRO TO TEACH (3 Units)
This course introduces students to the concepts and issues related to teaching diverse learners in contemporary schools, Kindergarten through grade 12 (K-12). Topics include teaching as a profession and career, historical and philosophical foundations of the American education system, contemporary educational issues, California’s content standards and frameworks, and teacher performance standards. In addition to class time, the course requires a minimum of 45 hours of structured fieldwork in K-12 classrooms that represent California’s diverse student population, and includes cooperation with at least one carefully selected and campus-approved certificated classroom teacher. Students need to do their observation in a classroom that is in line with their degree plans. Single subject majors (History, Math, English, etc.) need to observe in subject area at a high school or junior high. Multiple subject students need to do their observations in an elementary school or junior high school. ADVISORIES: Eligibility for English 125 and English 126. (A, CSU, UC)(C-ID EDUC 200)

Online Class Offering(s)
EDUC 10-82011  WEB  WEB  WEB  B.NABORS
and  TBA  TBA  CCC WEB  B.NABORS
Meets from 05/24 to 06/18 (This is a 100% online class. Students are required to complete 48 hours of K-12 observations during the course of the semester. Depending on the status of K-12, students will either complete their hours in a physical classroom or online by viewing videos of instruction. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
**GEOLOGY**

**GEOL 9  INT TO EARTH SCI (4 Units)**
An introduction to the essentials of Earth Science with a laboratory. Topics include the geosphere, atmosphere, hydrosphere, and solar system. This course focuses on the interactions between physical and chemical systems of the Earth such as the tectonic cycle, rock cycle, hydrologic cycle, weather and climate. Optional fieldtrips. ADVISORIES: Eligibility for English 125, 126, and Mathematics 201. (A, CSU-GE, UC, I) (C-ID GEOL 121)

**Online Class Offering(s)**
GEOL 9-82093 WEB WEB WEB Y.MENDOZA  
and TBA TBA CCC WEB Y.MENDOZA  
Meets from 05/24 to 06/18 (This is a 100% online class. Students that are enrolled must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course. Please contact instructor at yvan.mendoza@cloviscollege.edu for more information.)

**HISTORY**

**HIST 11  U S TO 1877 (3 Units)**
This course traces the political, social, and economic development of the United States from the colonial period to the Reconstruction Era. ADVISORIES: Eligibility for English 125 and 126. (A, CSU-GE, UC, I) (C-ID HIST 130) (C-ID HIST 140: HIST 11, HIST 12, & HIST 12H)

**Online Class Offering(s)**
HIST 11-82001 WEB WEB WEB G.FONTES  
Meets from 05/24 to 06/18 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

**HIST 12  U S SINCE 1865 (3 Units)**
This course traces the political, social, and economic development of the United States from the Reconstruction Era to the present. ADVISORIES: Eligibility for English 125 and 126. (A, CSU-GE, UC, I) (C-ID HIST 140: HIST 11, HIST 12 & HIST 12H)

**Online Class Offering(s)**
HIST 12-82002 WEB WEB WEB G.FONTES  
Meets from 05/24 to 06/18 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
INFORMATION SYSTEMS

IS 15  COMPUTER CONCEPTS (3 Units)
This course provides an introduction to computer and information systems concepts and terminology, an overview of hardware, and software (systems and applications including word processing, spreadsheet, database, presentation and programming), the history of the microcomputer, privacy and legal issues, and telecommunications (email and Internet). A grade of "C" or better in this course fulfills the computer familiarity requirement. ADVISORIES: Eligibility for English 126 and Mathematics 201. (A, CSU, UC)(C-ID ITIS 120)

Online Class Offering(s)
IS 15-82132 WEB WEB WEB B.NABORS
and TBA TBA CCC WEB B.NABORS
Meets from 05/24 to 06/18 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the class. Failure to do so may result in the student being dropped from the course. Please contact the instructor through Canvas for more information.)

IS 15-82135 WEB WEB WEB B.NABORS
and TBA TBA CCC WEB B.NABORS
Meets from 05/24 to 06/18 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the class. Failure to do so may result in the student being dropped from the course. Please contact the instructor through Canvas for more information.)

MATHEMATICS

MATH 4A  TRIGONOMETRY (4 Units)
This course in trigonometry of the plane concentrates on trigonometric functions and their applications. Topics covered include the trigonometric functions, solution of right triangles, radian measure, fundamental identities, angular measure, graphs, logarithms, functions of composite angles, oblique triangles, trigonometric equations, inverse trigonometric functions, and complex numbers, including powers and roots. The study of polar coordinates and polar equations is also covered. PREREQUISITES: Mathematics 103 or equivalent and Mathematics 102. ADVISORIES: Eligibility for English 125 and English

Online Class Offering(s)
MATH 4A-82182 WEB WEB WEB J.RENWICK
Meets from 05/24 to 06/18 (This is a 100% online class. Live optional problem solving sessions will be available M-Th 11AM-12PM.Students that are enrolled must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course. Please contact instructor at jon.renwick@cloviscollege.edu for more information.)

MATH 4B  PRECALCULUS (4 Units)
The course is an analytic and comprehensive study of algebra, geometry and trigonometry designed to prepare students for calculus. Topics include conic sections, inequalities, systems of equations, polynomial, trigonometric, rational, exponential and logarithmic functions and their graphs. PREREQUISITES: Mathematics 4A or equivalent. ADVISORIES: Eligibility for English 125 and 126. (A, CSU-GE, UC, I)

Online Class Offering(s)
MATH 4B-82181 WEB WEB WEB J.GARDNER
Meets from 05/24 to 06/18 (This is a 100% online class. Students that are enrolled must check their Canvas account by the first day of the semester. Synchronous (live) online instruction will be available during M-TH 10-11am. Students who cannot attend the synchronous (live) lecture will be able to view a recording of the
live session. Failure to do so may result in the student being dropped from the course. Please contact instructor at jason.gardner@cloviscollege.edu for more information.)

**MATH 11 ELEM STATISTICS (4 Units)**
This course is an introduction to statistical methods and techniques with applications in the fields of business, behavioral and social science, as well as in science, technology, engineering, and mathematics. Topics include descriptive measures of central tendency and variability, probability, binomial and normal distributions, random variables, sampling, estimating, hypothesis testing (parametric and nonparametric), correlation and regression. PREREQUISITES: Mathematics 103. ADVISORIES: Eligibility for English 125 and 126.(A, CSU-GE, UC, I) (C-ID MATH 110)

**Online Class Offering(s)**
MATH 11-82180 WEB WEB WEB C.SULLIVAN
Meets from 05/24 to 06/18 (This is a 100% online class. Students that are enrolled must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course. This class is designed to use the Proctorio system for remote monitoring of exams. Students will be required to have access to a computer with a webcam. Additional information will be available on www.proctorio.com and on the class syllabus. Please contact instructor at carole.sullivan@cloviscollege.edu for more information.)

**POLITICAL SCIENCE**

**POLSCI 2 AMERICAN GOV (3 Units)**
The field of American politics deals with the organization, distribution and orientation of political power in American society. This course surveys the processes and institutions of United States national, state and local politics. Among the topics discussed are individual political attitudes and values, political participation, voting, parties, interest groups, Congress, the presidency, Supreme Court, the federal bureaucracy, civil liberties and civil rights, and domestic and foreign policy making. Attention is paid both to the present state of the American political system and to its historical roots. PREREQUISITES: Eligibility for English 1A or 1AH. (A, CSU-GE, UC, I) (C-ID POLS 110)

**Online Class Offering(s)**
POLSCI 2-82003 WEB WEB WEB J.SHURLEY
Meets from 05/24 to 06/18 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

**PSYCHOLOGY**

**PSY 2 Gen Psychology (3 Units)**
This course presents an overview of psychology, a field that emphasizes the scientific study of human behavior and mental processes. The content focuses on major psychological theories and concepts, methods, research findings, and real-world applications in psychology. Topics include history, methodology, biopsychology, lifespan development, sensation and perception, consciousness and altered states, learning and memory, cognition and language, intelligence, motivation and emotion, personality, psychopathology and therapy, stress and health, social psychology, and cultural influences. ADVISORIES: Eligibility for English 1A. (A, CSU-GE, UC, I) (C-ID PSY 110)

**Online Class Offering(s)**
PSY 2-82004 WEB WEB WEB C.GREENWOOD
Meets from 05/24 to 06/18 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
SOCIOLOGY

SOC 1A  INTRO TO SOC (3 Units)
Sociology 1A promotes the understanding of society and how it works. It also examines how society affects individuals and how individuals affect society. Major topics include culture, socialization, social problems, and social change. ADVISORIES: Eligibility for English 125 and 126. (A, CSU-GE, UC, I) (C-ID SOCI 110)

Online Class Offering(s)
SOC 1A-82005 WEB WEB WEB R.LYON
Meets from 05/24 to 06/18 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

STATISTICS

STAT 7  ELEM STATISTICS (4 Units)
This course provides an introduction to statistical methods and techniques for business and behavioral/social science majors. Topics include: Data collection and analysis measures of central tendency and variability probability theory discrete and continuous distributions sampling theory and estimation hypothesis testing correlation/regression analysis time series analysis and index numbers. PREREQUISITES: Mathematics 103 or two years high school algebra. ADVISORIES: Eligibility for English 125 and 126. (A, CSU-GE, UC, I)(C-ID MATH 110)

Online Class Offering(s)
STAT 7-82140 WEB WEB WEB V.PIPER
Meets from 05/24 to 06/18 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the class. Failure to do so may result in the student being dropped from the course. Please contact the instructor through Canvas for more information.)
ANTHROPOLOGY

ANTHRO 1  Biological Anthro (3 Units)
This course introduces the concepts, methods of inquiry, and scientific explanations for biological evolution and application to the human species. Topics and issues to be addressed may include, but are not limited to: genetics, evolutionary theory, modern human variation, and biocultural adaptations. Primate evolution and comparative primate anatomy and behavior and the fossil evidence for human evolution. The scientific method serves as a foundation of inquiry for this course. ADVISORIES: Eligibility for English 1A. (A, CSU-GE, UC, I)

Short Term Class Offering(s)
ANTHRO 1-82194 MTWTh 9:30am-12:50 TBA TBA J.MULLOOLY
Meets from 07/06 to 07/29 (This is an in-person course. Safety guidelines permitting, on-campus face-to-face classes will take place as indicated in the schedule information for this section. If this course is required to return to an online format, students must have the necessary equipment and internet connectivity to attend synchronous [live] online class sessions. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

ANTHRO 2  CULTURAL ANTHRO (3 Units)
This course explores how anthropologists study and compare human culture. Cultural anthropologists seek to understand the broad arc of human experience focusing on a set of central issues, including: subsistence patterns, social, political, and economic organization patterns of communication and creative expression, familial and kinship relations, belief systems, gender, racial and ethnic identity labels, the developmental influence of social inequality and internal culture change resulting from external forces. Ethnographic case studies and professional anthropological research ethics are employed to introduce students to the tools used to understand humans around the globe. ADVISORIES: Eligibility for English 1A or Interdisciplinary Studies 251. (A, CSU-GE, UC, I)(C-ID ANTH 120)

Online Class Offering(s)
ANTHRO 2-82061 WEB WEB WEB WEB J.MULLOOLY
Meets from 07/06 to 07/30 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

ART

ART 2  ART APPRECIATION (3 Units)
Lecture course to learn the cultural significance of the arts. Instruction will cover media and movements. Students will also learn the elements and principles of design to understand the visual language of the arts and the methods used by artists to communicate ideas to the public. Course also emphasizes the multicultural visual dialogue that occurs throughout the different communities in the world. ADVISORIES: Eligibility for English 125 and 126. (A, CSU-GE, UC, I)(C-ID ARTH 100)

Online Class Offering(s)
ART 2-82062 WEB WEB WEB WEB M.SWEITZER
Meets from 07/06 to 07/30 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

ART 2-82070 WEB WEB WEB M.JACKSON
Meets from 07/06 to 07/30 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

COMMUNICATION

COMM 1  PUBLIC SPEAKING (3 Units)
Fundamentals of public speaking utilizing theories and techniques of communication to enhance public speaking skills. Particular emphasis is on the organization and criticism of public discourse. This is achieved through research, reasoning, presentations, and the evaluation of various types of speeches which include informative and persuasive speeches. ADVISORIES: Eligibility for English 1A or 1AH. (A, CSU, CSU-GE, UC, I) (C-ID COMM 110)

Online Class Offering(s)
COMM 1-82063 WEB WEB WEB H.WINIGER
Meets from 07/06 to 07/30 (This is a 100% online class. Students will be required to attend some synchronous (live) online sessions on MTWTH from 8:00-11:20am between 7/6-7/30. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

HISTORY

HIST 20  WORLD HISTORY I (3 Units)
This course examines economic, political, and social developments in World Civilization from the emergence of human communities to around 1600. ADVISORIES: Education 10 recommended for K-8 teachers, eligibility for English 125 and 126. (A, CSU-GE, UC, I)(C-ID HIST 150)

Online Class Offering(s)
HIST 20-82064 WEB WEB WEB M.JESSIE
Meets from 07/06 to 07/30 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

INFORMATION SYSTEMS

IS 50A  Intro to Game Programming (3 Units)
This course introduces students to game development concepts, including the theory of game design, mathematical concepts needed to create 3D games, and how to create a new game using a game engine. ADVISORIES: Information Systems 15 or Computer Science 40, Mathematics 4A, and eligibility for English 125 and 126. (A, CSU, UC)

Online Class Offering(s)
IS 50A-82166 DAILY 12:00pm-2:25 WEB W.KERNEY
and DAILY 2:35pm-3:25 CCC WEB W.KERNEY
Meets from 07/06 to 07/30 (This is a 100% online class. Students will be required to attend synchronous (live) online sessions Monday-Friday 12:00-3:25pm between 7/6 - 7/30. Enrolled students must check their Canvas account by the first day of the class. Failure to do so may result in the student being dropped from the course.)
IS 50B  Intermediate Game Programming (3 Units)
This course provides students with intermediate-level game design, level creation, and programming skills. Over the course of the semester students will cooperatively build a moderately advanced game for the PC or web. PREREQUISITE: Information Systems 50A. (A, CSU, UC)

Online Class Offering(s)
IS 50B-82167 DAILY 12:00pm-2:25 WEB W.KERNEY
and DAILY 2:35pm-3:25 CCC WEB W.KERNEY
Meets from 07/06 to 07/30 (This is a 100% online class. Students will be required to attend synchronous (live) online sessions Monday-Friday 12:00-3:25pm between 7/6 - 7/30. Enrolled students must check their Canvas account by the first day of the class. Failure to do so may result in the student being dropped from the course.)

INTERDISCIPLINARY STUDIES

INTDS 50  College Success (3 Units)
This course is designed for first-year college students and provides an exploration of cognitive, psychological, social, and physical factors influencing success in college, the world of work, and in life. Topics include personal responsibility, critical thinking, motivation, self-efficacy, self-awareness, lifelong learning, self-management, health and wellness, interpersonal communication in a diverse world, educational planning, and service learning. ADVISORIES: Eligibility for English 125, English 126, and MATH-201. (A, CSU, UC)

Short Term Class Offering(s)
INTDS 50-82192 MTWTh 9:00am-12:20 AC1 275 D.FISHER
Meets from 07/06 to 07/30 FUTURE TEACHERS ACADEMY CWHS AND CHS Students are pre-selected by CWHS AND CHS to participate in this program. This is an in-person course. Safety guidelines permitting, on-campus face-to-face classes will take place as indicated in the schedule information for this section. In the event that this course is required to return to an online format, students must have the necessary equipment and internet connectivity to attend synchronous [live] online class sessions. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course. Please contact instructor at sasha.fisher@cloviscollege.edu for

MUSIC

MUS 12  MUS APPRECIATION (3 Units)
The course acquaints students with basic musical concepts and terminology. These concepts are then employed in the study of our Western musical heritage from the Middle Ages to the present. ADVISORIES: Eligibility for English 125 and 126. (A, CSU-GE, UC, I) (C-ID MUS 100)

Online Class Offering(s)
MUS 12-82071 WEB WEB WEB M.HEMBD
Meets from 07/06 to 07/30 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
### POLITICAL SCIENCE

**POLSCI 2  AMERICAN GOV (3 Units)**
The field of American politics deals with the organization, distribution and orientation of political power in American society. This course surveys the processes and institutions of United States national, state and local politics. Among the topics discussed are individual political attitudes and values, political participation, voting, parties, interest groups, Congress, the presidency, Supreme Court, the federal bureaucracy, civil liberties and civil rights, and domestic and foreign policy making. Attention is paid both to the present state of the American political system and to its historical roots. **PREREQUISITES: Eligibility for English 1A or 1AH.**  
(A, CSU-GE, UC, I) (C-ID POLS 110)

**Online Class Offering(s)**  
POLS 2-82067 WEB WEB WEB C.NITSCHKE  
Meets from 07/06 to 07/30 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

### PSYCHOLOGY

**PSY 2  Gen Psychology (3 Units)**
This course presents an overview of psychology, a field that emphasizes the scientific study of human behavior and mental processes. The content focuses on major psychological theories and concepts, methods, research findings, and real-world applications in psychology. Topics include history, methodology, biopsychology, lifespan development, sensation and perception, consciousness and altered states, learning and memory, cognition and language, intelligence, motivation and emotion, personality, psychopathology and therapy, stress and health, social psychology, and cultural influences. **ADVISORIES: Eligibility for English 1A.**  
(A, CSU-GE, UC, I) (C-ID PSY 110)

**Online Class Offering(s)**  
PSY 2-82068 WEB WEB WEB D.DUFFY  
Meets from 07/06 to 07/30 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)  
PSY 2-82072 WEB WEB WEB T.MATTHEWS  
Meets from 07/06 to 07/30 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)  
PSY 2-82073 WEB WEB WEB T.ROYCE  
Meets from 07/06 to 07/30 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

### SOCIOLOGY

**SOC 1A  INTRO TO SOC (3 Units)**
Sociology 1A promotes the understanding of society and how it works. It also examines how society affects individuals and how individuals affect society. Major topics include culture, socialization, social problems, and social change. **ADVISORIES: Eligibility for English 125 and 126.**  
(A, CSU-GE, UC, I) (C-ID SOCI 110)

**Online Class Offering(s)**  
SOC 1A-82069 WEB WEB WEB R.LYON  
Meets from 07/06 to 07/30 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
STATISTICS

STAT 7  ELEM STATISTICS (4 Units)
This course provides an introduction to statistical methods and techniques for business and
behavioral/social science majors. Topics include: Data collection and analysis measures of central tendency
and variability probability theory discrete and continuous distributions sampling theory and estimation
hypothesis testing correlation/regression analysis time series analysis and index numbers. PREREQUISITES:
Mathematics 103 or two years high school algebra. ADVISORIES: Eligibility for English 125 and 126. (A, CSU-
GE, UC, I)(C-ID MATH 110)

Online Class Offering(s)
STAT 7-82145 WEB WEB WEB R.WELK
Meets from 07/06 to 07/30 (This is a 100% online class. Students that are enrolled must check their Canvas
account by the first day of the class. Failure to do so may result in the student being dropped from the
course. Please contact the instructor through Canvas for more information.)
Please note: the class schedule is subject to change.
Please check WebAdvisor for the most current class offerings.

ACCOUNTING

ACCTG 4B  MANAGERIAL ACCTG (4 Units)
This course is a study of how managers use accounting information in decision-making, planning, directing operations and controlling. Focuses on cost terms and concepts, cost behavior, cost structure and cost-volume-profit analysis. Includes issues of cost systems, cost control, profit planning, and performance analysis in manufacturing and service environments. PREREQUISITES: Accounting 4A. ADVISORIES: Accounting 40, eligibility for English 125, 126, and Mathematics 201. (A, CSU, UC) (C-ID ACCT 120)

Online Class Offering(s)
ACCTG 4B-82141    MTWTh  1:00pm-3:50    WEB    P.FREDIERE
and               MTW  4:00pm-4:50    CCC WEB    P.FREDIERE
Meets from 06/21 to 07/29 (This is a 100% online class. Students will be required to attend synchronous (live) online sessions Mondays, Tuesdays, Wednesdays 1:00-4:50pm and Thursdays 1:00-3:50pm between 6/21 - 7/29. Enrolled students must check their Canvas account by the first day of the class. Failure to do so may result in the student being dropped from the course.)

ANTHROPOLOGY

ANTHRO 1  Biological Anthro (3 Units)
This course introduces the concepts, methods of inquiry, and scientific explanations for biological evolution and application to the human species. Topics and issues to be addressed may include, but are not limited to: genetics evolutionary theory modern human variation and biocultural adaptations primate evolution and comparative primate anatomy and behavior and the fossil evidence for human evolution. The scientific method serves as a foundation of inquiry for this course. ADVISORIES: Eligibility for English 1A. (A, CSU-GE, UC, I)

Online Class Offering(s)
ANTHRO 1-82009 WEB    WEB    WEB    WEB    L.TAYLOR
Meets from 06/21 to 07/30 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

ART

ART 2  ART APPRECIATION (3 Units)
Lecture course to learn the cultural significance of the arts. Instruction will cover media and movements. Students will also learn the elements and principles of design to understand the visual language of the arts and the methods used by artists to communicate ideas to the public. Course also emphasizes the multicultural visual dialogue that occurs throughout the different communities in the world. ADVISORIES: Eligibility for English 125 and 126. (A, CSU-GE, UC, I)(C-ID ARTH 100)

Online Class Offering(s)
ART 2-82014 WEB    WEB    WEB    WEB    E.SCHELLENBERG
Meets from 06/21 to 07/30 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
ART 2-82015 WEB    WEB    WEB    WEB    E.SCHELLENBERG
<table>
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<th>Building/Room</th>
<th>Instructor</th>
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Meets from 06/21 to 07/30 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

**ART 5  ART HISTORY 1 (3 Units)**
This course examines the history of cultural production and visual aesthetics including two and three dimensional art and architecture from Prehistory through the Gothic Period. ADVISORIES: Eligibility for English 125 and 126. (A, CSU-GE, UC, I) (C-ID ARTH 110)

**Online Class Offering(s)**
ART 5-82016 WEB WEB WEB T.TERAN
Meets from 06/21 to 07/30 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

**BIOLOGY**

**BIOL 10  Intro to Life Science Lecture (3 Units)**
This lecture course is recommended for the non-biological science and pre-education majors. This is an introductory course using biological concepts. The organismal structure, function, inheritance, evolution, and ecology are covered. Field trips may be required. Not open to students with credit in Biology 3. ADVISORIES: Eligibility for English 1A. (A, CSU-GE, UC, I)

**Online Class Offering(s)**
BIOL 10-82107 WEB WEB WEB J.HENDRIXSON
Meets from 06/21 to 07/30 (This is a 100% online class. Students that are enrolled must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course. Please contact instructor at jan.hendrixson@cloviscollege.edu for more information. BIOL 10 does not include a laboratory. The laboratory is offered separately as BIOL 10L. Please see a counselor if you have any questions. This course is not open to students with credit in Biology 3.)

**BUSINESS ADMINISTRATION**

**BA 10  INTRO TO BUSINES (3 Units)**
A survey in business providing a multidisciplinary examination of how culture, society, economic systems, legal, international, political, financial institutions, and human behavior interact to affect a business organization's policy and practices within the U.S. and a global society. Demonstrates how these influences impact the primary areas of business including: organizational structure and design leadership, human resource management, organized labor practices marketing organizational communication technology entrepreneurship legal, accounting, financial practices the stock and securities market and therefore affect a business' ability to achieve its organizational goals. ADVISORIES: Eligibility for English 125, 126, and Mathematics 201. (A, CSU, UC)(C-ID BUS 110)

**Online Class Offering(s)**
BA 10-82111 WEB WEB WEB T.APPARCEL
Meets from 06/21 to 07/30 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the class. Failure to do so may result in the student being dropped from the course. Please contact the instructor through Canvas for more information.)

**BA 18  BUS & LEGAL ENV (4 Units)**
The business law course will cover the following topical areas: sources of law, ethics in law, criminal law, tort law, contract law, agency, business structures, and international law with a major emphasis on contracts.
The course will require case study discussions and written briefs. ADVISORIES: Eligibility for English 125 and 126. (A, CSU, UC) (C-ID BUS 120)(C-ID BUS 125)

**Online Class Offering(s)**

BA 18-82142 WEB WEB WEB K.TURNER
Meets from 06/21 to 07/29 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the class. Failure to do so may result in the student being dropped from the course. Please contact the instructor through Canvas for more information.)

**BA 19V  COOP TRNG - BUS (1-8 Units)**
Supervised employment, directly related to student's major in business. Students may earn a total of 16 units in work experience of which only 6 may be in COTR 19G. (A, CSU)

**Online Class Offering(s)**

BA 19V-82151 WEB WEB WEB C.HOLDEN
Meets from 06/21 to 07/30 (Students are required to attend the following online orientation meeting: Thursday, 06/24 from 5:00-6:00pm. Students that are enrolled must check their Canvas account by the first day of class. Students must be employed to enroll in and complete the class. Zoom meeting links will be posted in Canvas.)

**BA 39  FINITE MATH BUS (3 Units)**
An introduction to finite mathematics and quantitative methods for business majors. May be taken concurrently with STAT 7. Topics include the application set theory, counting, probability, expected value, rates of change, functions, applications and graphing, mathematics of finance, systems of linear equations and matrices and linear programming. Meets the business major requirements for students transferring to Cal State University, Fresno. PREREQUISITES: Mathematics 103 or 2 years high school algebra to include Intermediate Algebra or equivalent. ADVISORIES: Eligibility for English 126. (A, CSU-GE, UC)

**Online Class Offering(s)**

BA 39-82148 WEB WEB WEB K.TURNER
Meets from 06/21 to 07/30 (This is a 100% online class. Enrolled students must check their account by the first day of the class. Failure to do so may result in the student being dropped from the course. Please contact the instructor through Canvas for more information.)

**CHILD DEVELOPMENT (changing to Early Childhood Education Fall 2021)**

**CHDEV 1  TEACH YOUNG CHILD (3 Units)**
An examination of the underlying theoretical principles of developmentally appropriate practices applied to programs and environments, emphasizing the key role of relationships, constructive adult-child interactions, and teaching strategies in supporting physical, social, creative and intellectual development for children. This course includes a review of the historical roots of early childhood programs and the evolution of the professional practices promoting advocacy, ethics and professional identity. ADVISORIES: Eligibility for English 1A or English 1AH. (A, CSU) (C-ID ECE 120)

**Online Class Offering(s)**

CHDEV 1-82113 WEB WEB WEB S.BRANDL
Meets from 06/21 to 07/30 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the class. Failure to do so may result in the student being dropped from the course. Please contact the instructor through Canvas for more information.)
CHDEV 6  HLTH/SAFETY/NUTRN (3 Units)
Introduction to the laws, regulations, standards, policies and procedures and early childhood curriculum related to child health, safety and nutrition. Prevention, detection, and management of communicable disease medical issues associated with disabilities and chronic illness physical health mental health and safety for both children and adults collaboration with families and health professionals are discussed. Integration of the concepts discussed into planning and program development for children ages Oto 5 are emphasized. ADVISORIES: Eligibility for English 1A and English 1AH. (A, CSU) (C-ID ECE 220)

Online Class Offering(s)
CHDEV 6-82121 WEB WEB WEB S.BRANDL
Meets from 06/21 to 07/30 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the class. Failure to do so may result in the student being dropped from the course. Please contact the instructor through Canvas for more information.)

CHDEV 30  Child, Family, and Community (3 Units)
An examination of the developing child in a societal context focusing on the interrelationship of family, school and community emphasizes historical and social-cultural factors. The processes of socialization and identity development are highlighted, showing the importance of respectful, reciprocal relationships that support and empower families. ADVISORIES: Eligibility for English 1A or English 1AH. (A, CSU, UC, CSU-GE, I) (C-ID CDEV 110)

Online Class Offering(s)
CHDEV 30-82115 WEB WEB WEB E.ROMERO
Meets from 06/21 to 07/30 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the class. Failure to do so may result in the student being dropped from the course. Please contact the instructor through Canvas for more information.)

CHDEV 38  Lifespan Development (3 Units)
Basic theories, research concepts and principles of physical, cognitive and psycho-social development, including biological and environmental influences, are explored with a focus on each major stage of life from conception to death. This course is designed to promote critical selfunderstanding. Students apply developmental theory to major topics, including developmental problems, that occur throughout one’s lifespan. ADVISORIES: Eligibility for English 1A or English 1AH. (A, CSU-GE, UC, I) (C-ID

Online Class Offering(s)
CHDEV 38-82116 WEB WEB WEB E.ROMERO
Meets from 06/21 to 07/30 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the class. Failure to do so may result in the student being dropped from the course. Please contact the instructor through Canvas for more information.)
CHDEV 38-82117 WEB WEB WEB K.ALLEN
Meets from 06/21 to 07/30 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the class. Failure to do so may result in the student being dropped from the course. Please contact the instructor through Canvas for more information.)

CHDEV 39  Child Grth and Dev (3 Units)
This course examines basic theories, research, as well as concepts and principles of physical, psychosocial, cognitive and language development. Exploration of these aspects of development taking place from conception through adolescence. Emphasis is placed on environmental and genetic influences on typical and atypical development. ADVISORIES: Eligibility for English 1A or English 1AH. (A, CSU-GE, UC, I) (C-ID CDEV 100)
Online Class Offering(s)
CHDEV 39-82119 WEB WEB WEB L.YATES
Meets from 06/21 to 07/30 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the class. Failure to do so may result in the student being dropped from the course. Please contact the instructor through Canvas for more information.)

CHDEV 39-82128 WEB WEB WEB L.YATES
Meets from 06/21 to 07/30 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the class. Failure to do so may result in the student being dropped from the course. Please contact the instructor through Canvas for more information.)

COMMUNICATION

COMM 1 PUBLIC SPEAKING (3 Units)
Fundamentals of public speaking utilizing theories and techniques of communication to enhance public speaking skills. Particular emphasis is on the organization and criticism of public discourse. This is achieved through research, reasoning, presentations, and the evaluation of various types of speeches which include informative and persuasive speeches. ADVISORIES: Eligibility for English 1A or 1AH. (A, CSU, CSU-GE, UC, I) (C-ID COMM 110)

Online Class Offering(s)
COMM 1-82018 WEB WEB WEB J.TANG
Meets from 06/21 to 07/30 (This is a 100% online class. Students will be required to attend some synchronous (live) online sessions on MTWTH from 8:00-10:05am between 6/21-7/30. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
COMM 1-82019 WEB WEB WEB J.TANG
Meets from 06/21 to 07/30 (This is a 100% online class. Students will be required to attend some synchronous (live) online sessions on MTWTH from 10:30am-12:35pm between 6/21-7/30. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

COMM 2 INTERPERSON COM (3 Units)
Interpersonal communication is designed to increase understanding and implementation of effective interpersonal communication behaviors and skills. This course examines basic practical everyday communicative interaction, emphasizing behavioral aspects of interpersonal communication, self-concept, perception, listening, non-verbal communication, conflict, language, gender, and cultural differences. Students engage in both paired/group communication and the development of oral presentations. ADVISORIES: Eligibility for English 1A or 1AH. (A, CSU-GE, UC) (C-ID COMM 130)

Online Class Offering(s)
COMM 2-82020 WEB WEB WEB P.HUMPHREY
Meets from 06/21 to 07/30 (This is a 100% online class. Students will be required to attend some synchronous (live) online sessions on MTWTH from 1:00-3:05pm between 6/21-7/30. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
COMM 2-82021 WEB WEB WEB P.HUMPHREY
Meets from 06/21 to 07/30 (This is a 100% online class. Students will be required to attend some synchronous (live) online sessions on MTWTH from 6:00-8:05pm between 6/21-7/30. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
COMM 2-82050 WEB WEB WEB S.PICHARDO
Meets from 06/21 to 07/30 (This is a 100% online class. Students will be required to attend some synchronous (live) online sessions on M, from 8:00am-1:10pm between 6/21-7/30. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

CRIMINOLOGY

CRIM 1 INTRO TO CRIM (3 Units)
This course introduces students to the history and philosophy of the United States criminal justice system. It also analyzes theories of crime and crime causation in conjunction with how law is developed. Additionally, the course examines sentencing and incarceration processes. ADVISORIES: Eligibility for English 125 and 126. (A, CSU, UC)(C-ID AJ 110)

Online Class Offering(s)
CRIM 1-82150 WEB WEB WEB E.TOSTADO
Meets from 06/21 to 07/30 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the class. Failure to do so may result in the student being dropped from the course. Please contact the instructor through Canvas for more information.)Criminal Law offers an analysis of the history and the philosophy of criminal liability in the United States, as well as an understanding of the classification of crimes against property and persons. This course discusses the most frequently used criminal statutes in the United States as well as those most used in the state of California. ADVISORIES: Eligibility for English 125 and 126. (A, CSU) (C-ID AJ 120)

Online Class Offering(s)
CRIM 6-82122 WEB WEB WEB R.GALLEGOS
Meets from 06/21 to 07/30 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the class. Failure to do so may result in the student being dropped from the course. Please contact the instructor through Canvas for more information.)

ECONOMICS

ECON 1A MACROECONOMICS (3 Units)
An introduction to macroeconomic theory and aggregate economic analysis covers market systems, the banking system, international economics, economic policy, national income accounting, unemployment and inflation, and economic growth. PREREQUISITES: Mathematics 201. ADVISORIES: Eligibility for English 1A and Mathematics 103. (A, CSU, CSU-GE, UC, I) (C-ID ECON 202)

Online Class Offering(s)
ECON 1A-82123 WEB WEB WEB L.SCHWENDIMAN
Meets from 06/21 to 07/30 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the class. Failure to do so may result in the student being dropped from the course. Please contact the instructor through Canvas for more information.)

ECON 1A-82153 WEB WEB WEB L.SCHWENDIMAN
Meets from 06/21 to 07/30 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the class. Failure to do so may result in the student being dropped from the course. Please contact the instructor through Canvas for more information.)
ECON 1B  MICROECONOMICS (3 Units)
An introduction to micro economic theory covers the choices of individual economic decision makers, elasticity, scarcity, income distribution, market structure, market failure, production and cost theory, specialization and trade, and the role of the public sector. PREREQUISITES: Mathematics 201. ADVISORIES: Eligibility for English 1A and Mathematics 103. (A, CSU, CSU-GE, UC, I) (C-ID ECON 201)

Online Class Offering(s)
ECON 1B-82127 WEB WEB WEB N.ALANIS
Meets from 06/21 to 07/30 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the class. Failure to do so may result in the student being dropped from the course. Please contact the instructor through Canvas for more information.)

ENGLISH

ENGL 1A  READ & COMP (4 Units)
Students read, analyze, and compose college-level prose, with emphasis on the expository read and analyze at least one book-length text study writing as a process explore different composing structures and strategies edit and revise their own writing and conduct research (gather, organize, evaluate, integrate, and document information, culminating in a term research paper and annotated bibliography. Students write a minimum of 6,000 words in formal academic language. PREREQUISITES: English 125 and 126 or Interdisciplinary Studies 251 or placement through college assessment process. (A, CSU-GE, UC, I) (C-ID ENGL 100)

Online Class Offering(s)
ENGL 1A-82023 WEB WEB WEB L.SHEPARD
Meets from 06/21 to 07/30 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
ENGL 1A-82024 WEB WEB WEB R.DZERIGIAN
Meets from 06/21 to 07/30 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
ENGL 1A-82052 WEB WEB WEB C.TIDWELL
Meets from 06/21 to 07/30 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
ENGL 1A-82053 WEB WEB WEB C.TIDWELL
Meets from 06/21 to 07/30 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
ENGL 1A-82054 WEB WEB WEB R.COOK
Meets from 06/21 to 07/30 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
ENGL 1A-82185 WEB WEB WEB R.COOK
Meets from 06/21 to 07/30 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
ENGL 1A-82186 WEB WEB WEB S.PINKHAM
Meets from 06/21 to 07/30 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
ENGL 1A-82187 WEB WEB WEB R.BARTRAM
Meets from 06/21 to 07/30 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
ENGL 1A-82188 WEB WEB WEB R.BARTRAM
Meets from 06/21 to 07/30 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

ENGL 1A-82189 WEB WEB WEB D.AYALA

Meets from 06/21 to 07/30 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

ENGL 1A-82191 WEB WEB WEB D.AYALA

Meets from 06/21 to 07/30 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

ENGL 1A-82022 MTWTh 9:00am-11:50 WEB S.PINKHAM

Meets from 06/21 to 07/30 (This is a 100% online class. Students will be required to attend synchronous (live) online sessions on MTWTH, 9-11:50am. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

ENGL 1A-82025 MTWTh 12:00pm-2:50 WEB L.SHEPARD

Meets from 06/21 to 07/30 (This is a 100% online class. Students will be required to attend synchronous (live) online sessions on MTWTH, 12-2:50pm. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

ENGL 3 CRIT RDG & WRIT (3 Units)
This course is designed to develop critical thinking, reading, and writing skills beyond the level achieved in English 1A/1AH. The course focuses on the development of logical reasoning and analytical and argumentative writing skills based primarily on works of non-fiction in a variety of media. Students write a minimum of 6,000 words during the course of the semester, including one essay of at least 2,000 words.

PREREQUISITES: English 1A or 1AH. (A, CSU-GE, UC, I) (C-ID ENGL 105)

Online Class Offering(s)
ENGL 3-82026 WEB WEB WEB S.WRIGHT

Meets from 06/21 to 07/30 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

ENGL 3-82027 WEB WEB WEB S.WRIGHT

Meets from 06/21 to 07/30 (This is a 100% online class. Enrolled students must check their account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

ENGL 3-82028 WEB WEB WEB D.LAWRENCE

Meets from 06/21 to 07/30 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

FOODS & NUTRITION

FN 35 NUTRITION & HLTH (3 Units)
Relationship of diet to physical and emotional health: nutrients, diet patterns throughout the life cycle. Optimal nutrition to reduce the risks of cancer, heart disease, allergies, and other diseases. Social, psychological, and cultural dictates which affect food selection and health. Personal strategies to develop a nutrition plan for better health. Designed for students with an interest in Food Services. Not open to students with credit in Foods and Nutrition 40, Nutrition. ADVISORIES: Eligibility for English 125 and 126 or equivalent. (A, CSU-GE, UC)

Online Class Offering(s)
FN 35-82120 WEB WEB WEB K.SPACH
Meets from 06/21 to 07/30 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the class. Failure to do so may result in the student being dropped from the course. Please contact the instructor through Canvas for more information.)

**FN 35-82129** WEB WEB WEB K.SPACH
Meets from 06/21 to 07/30 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the class. Failure to do so may result in the student being dropped from the course. Please contact the instructor through Canvas for more information.)

**FN 40  NUTRITION (3 Units)**
Nutrients and their ingestion, digestion, absorption, transport, metabolism, interaction, storage, and excretion. The relationship of diet to physical and emotional health, diet patterns through the life cycle, consumer concerns, and recent developments. ADVISORIES: Eligibility for English 125, 126, and Mathematics 201. (A, CSU, UC)

**Online Class Offering(s)**
**FN 40-82130** WEB WEB WEB K.SPACH
Meets from 06/21 to 07/30 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the class. Failure to do so may result in the student being dropped from the course. Please contact the instructor through Canvas for more information.)

**FN 40-82131** WEB WEB WEB K.SPACH
Meets from 06/21 to 07/30 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the class. Failure to do so may result in the student being dropped from the course. Please contact the instructor through Canvas for more information.)

**GEOGRAPHY**

**GEOG 1  Physical Geography (3 Units)**
The course is a spatial study of the Earth's dynamic physical systems and processes. Topics include: Earth-sun geometry, weather, climate, water, landforms, soil, and the biosphere. Emphasis is on the interrelationships among environmental and human systems and the processes and their resulting patterns and distributions. Tools of geographic inquiry are also briefly covered they include: maps, remote sensing, Geographic Information Systems (GIS) and Global Positioning Systems (GPS) ADVISORY: English 125 and English 126, or Interdisciplinary Studies 251. (A, CSU-GE, UC, I)

**Online Class Offering(s)**
**GEOG 1-82029** WEB WEB WEB L.REYES
Meets from 06/21 to 07/30 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

**GEOLOGY**

**GEOL 1  PHYSICAL GEOL (4 Units)**
An introduction to the principles of geology with emphasis on Earth processes. This course focuses on the internal structure and origin of the Earth and the processes that change and shape it. The laboratory component focuses on the identification of rocks and minerals, topographic and geologic map exercises demonstrating the work of water, wind, ice and gravity and effects of tectonic activity. Optional field trips to classic geologic locations. ADVISORIES: Eligibility for English 125, 126, and Mathematics 201 or equivalent. (A, CSU-GE, UC, I) (C-ID GEOL 101)
Online Class Offering(s)
GEOL 1-82092 WEB WEB WEB Y.MENDOZA
and TBA TBA CCC WEB Y.MENDOZA
Meets from 06/21 to 07/29 (This is a 100% online class. Students that are enrolled must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course. Please contact instructor at yvan.mendoza@cloviscollege.edu for more information.)

GEOL 9 INT TO EARTH SCI (4 Units)
An introduction to the essentials of Earth Science with a laboratory. Topics include the geosphere, atmosphere, hydrosphere, and solar system. This course focuses on the interactions between physical and chemical systems of the Earth such as the tectonic cycle, rock cycle, hydrologic cycle, weather and climate. Optional fieldtrips. ADVISORIES: Eligibility for English 125, 126, and Mathematics 201. (A, CSU-GE, UC, I) (C-ID GEOL 121)

Online Class Offering(s)
GEOL 9-82094 WEB WEB WEB D.OLIVER
and TBA TBA CCC WEB D.OLIVER
Meets from 06/21 to 07/29 (This is a 100% online class. Students that are enrolled must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course. Please contact instructor at david.oliver@cloviscollege.edu for more information.)

HEALTH CARE ANCILLARIES

HCA 5 Intro to Health Care & Careers (3 Units)
This course is designed to prepare for a career in health care. It provides an overview of health care and examines various health care careers and their contribution to community vitality. This class assists the student in decision-making skills for future careers in health care. Students will learn basic life skills from the American Heart Association. ADVISORIES: Eligibility for English 125 and English 126, and Mathematics 250. (A, CSU)

Online Class Offering(s)
HCA 5-82164 WEB WEB WEB D.PAVLOVICH
Meets from 06/21 to 07/30 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the class. Failure to do so may result in the student being dropped from the course. Please contact the instructor through Canvas for more information.)

HEALTH EDUCATION

HLTH 1 CONTEMP HLTH ISS (3 Units)
This course is designed to introduce the student to a comprehensive study of personal and community health. This course will also introduce the student to health issues at the local, state, and national levels. ADVISORIES: Eligibility for English 125 and 126. (A, CSU-GE, UC)

Online Class Offering(s)
HLTH 1-82034 WEB WEB WEB C.ALBERTSON
Meets from 06/21 to 07/30 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
HLTH 1-82057 WEB WEB WEB E.GONZALEZ
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Meets from 06/21 to 07/30 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

**HISTORY**

**HIST 11  U S TO 1877 (3 Units)**
This course traces the political, social, and economic development of the United States from the colonial period to the Reconstruction Era. ADVISORIES: Eligibility for English 125 and 126. (A, CSU-GE, UC, I) (C-ID HIST 130) (C-ID HIST 140: HIST 11, HIST 12, & HIST 12H)

**Online Class Offering(s)**
HIST 11-82030 WEB WEB WEB G.MORRIS
Meets from 06/21 to 07/30 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

HIST 11-82055 WEB WEB WEB M.JESSIE
Meets from 06/21 to 07/30 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

**HIST 12  U S SINCE 1865 (3 Units)**
This course traces the political, social, and economic development of the United States from the Reconstruction Era to the present. ADVISORIES: Eligibility for English 125 and 126. (A, CSU-GE, UC, I) (C-ID HIST 140: HIST 11, HIST 12 & HIST 12H)

**Online Class Offering(s)**
HIST 12-82031 WEB WEB WEB R.HERNANDEZ SOLIS
Meets from 06/21 to 07/30 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

HIST 12-82032 WEB WEB WEB G.MORRIS
Meets from 06/21 to 07/30 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

HIST 12-82033 WEB WEB WEB M.RETTIG
Meets from 06/21 to 07/30 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

**HIST 20  WORLD HISTORY I (3 Units)**
This course examines economic, political, and social developments in World Civilization from the emergence of human communities to around 1600. ADVISORIES: Education 10 recommended for K-8 teachers, eligibility for English 125 and 126. (A, CSU-GE, UC, I)(C-ID HIST 150)

**Online Class Offering(s)**
HIST 20-82056 WEB WEB WEB H.OHANESSIAN
Meets from 06/21 to 07/30 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
INFORMATION SYSTEMS

IS 15  COMPUTER CONCEPTS (3 Units)
This course provides an introduction to computer and information systems concepts and terminology, an overview of hardware, and software (systems and applications including word processing, spreadsheet, database, presentation and programming), the history of the microcomputer, privacy and legal issues, and telecommunications (email and Internet). A grade of "C" or better in this course fulfills the computer familiarity requirement. ADVISORIES: Eligibility for English 126 and Mathematics 201. (A, CSU, UC)(C-ID ITIS 120)

Online Class Offering(s)
IS 15-82133 WEB WEB WEB B.NABORS
and TBA TBA CCC WEB B.NABORS
Meets from 06/21 to 07/30 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the class. Failure to do so may result in the student being dropped from the course. Please contact the instructor through Canvas for more information.)

IS 15-82134 WEB WEB WEB T.KATUI
and TBA TBA CCC WEB T.KATUI
Meets from 06/21 to 07/30 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the class. Failure to do so may result in the student being dropped from the course. Please contact the instructor through Canvas for more information.)

IS 15-82144 WEB WEB WEB R.PORTER
and TBA TBA CCC WEB R.PORTER
Meets from 06/21 to 07/30 (This is a 100% online class. Students that are enrolled must check their Canvas account by the first day of the class. Failure to do so may result in the student being dropped from the course. Please contact the instructor through Canvas for more information.)

IS 42A  Graphics Design for the Web (3 Units)
This course provides an introduction to graphic editing software for web design and business. The course includes the creation of graphics from scratch, edit existing images, image compression, and color reduction techniques as well as HTML integration within graphic design. ADVISORIES: Eligibility for English 1A. (A, CSU)

Online Class Offering(s)
IS 42A-82136 WEB WEB WEB B.NABORS
and TBA TBA CCC WEB B.NABORS
Meets from 06/21 to 07/30 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the class. Failure to do so may result in the student being dropped from the course. Please contact the instructor through Canvas for more information.)

IS 72  Computer Forensics Fundamental (3 Units)
This course is an introduction to the methods used to properly conduct a computer forensics investigation beginning with a discussion of ethics, while mapping to the objectives of the International Association of Computer Investigative Specialists (IACIS) certification. Topics covered include an overview of computer forensics as a profession the computer investigation process understanding operating systems boot processes and disk structures data acquisition and analysis technical writing and a review of familiar computer forensics tools. PREREQUISITE: Information Systems 71. ADVISORY: Eligibility for English 1A.

Online Class Offering(s)
IS 72-82137 WEB WEB WEB D.ATENCIO
and TBA TBA CCC WEB D.ATENCIO

Meets from 06/21 to 07/30 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the class. Failure to do so may result in the student being dropped from the course. Please contact the instructor through Canvas for more information.)

**KINESIOLOGY**

KINES 22  Introduction to Kinesiology (3 Units)
This course is an introduction to the interdisciplinary approach to the study of human movement. An overview of the importance of the sub-disciplines in kinesiology is discussed along with career opportunities in the areas of teaching, coaching, allied health, and fitness professions. ADVISORIES: Eligibility for English 1A. (A, CSU, UC)

Online Class Offering(s)
KINES 22-82035 WEB WEB WEB  E.GONZALEZ
Meets from 06/21 to 07/30 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

**MARKETING**

MKTG 10  MARKETING (3 Units)
This class is an introduction to the role of marketing in business, the various philosophies that guide marketing management and the importance of the role of the consumer in the marketing process. Using the skills learned in this course, students will research and write a marketing plan. ADVISORIES: Eligibility for English 125, 126, and Mathematics 201. (A, CSU)

Online Class Offering(s)
MKTG 10-82138 WEB WEB WEB  T.APPARCEL
Meets from 06/21 to 07/30 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the class. Failure to do so may result in the student being dropped from the course. Please contact the instructor through Canvas for more information.)

**MATHEMATICS**

MATH 11  ELEM STATISTICS (4 Units)
This course is an introduction to statistical methods and techniques with applications in the fields of business, behavioral and social science, as well as in science, technology, engineering, and mathematics. Topics include descriptive measures of central tendency and variability, probability, binomial and normal distributions, random variables, sampling, estimating, hypothesis testing (parametric and nonparametric), correlation and regression. PREREQUISITES: Mathematics 103. ADVISORIES: Eligibility for English 125 and 126.(A, CSU-GE, UC, I)(C-ID MATH 110)

Online Class Offering(s)
MATH 11-82179 WEB WEB WEB  T.SWAIN
Meets from 06/21 to 07/30 (This is a 100% online class. Students that are enrolled must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course. This class is designed to use the Proctorio system for remote monitoring of exams. Students will be required to have access to a computer with a webcam. Additional information will be available on www.proctorio.com and on the class syllabus. Please contact instructor at carole.sullivan@cloviscollege.edu for more information.)
MATH 103  INTER ALGEBRA (5 Units)
This course will deal with many algebraic concepts, including equations and inequalities in two variables, rational exponents and roots, quadratic functions, exponential and logarithmic functions, and conic sections. PREREQUISITES: Mathematics 201 or equivalent. ADVISORIES: Eligibility for English 126.(A)

Online Class Offering(s)
MATH 103-82178 WEB WEB WEB V.TRANG
Meets from 06/21 to 07/30 (This is a 100% online class. Students that are enrolled must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course. This class is designed to use the Proctorio system for remote monitoring of exams. Students will be required to have access to a computer with a webcam. Additional information will be available on www.proctorio.com and on the class syllabus. Please contact instructor at vi.trang@cloviscollege.edu for more information.)

OCCUPATIONAL THERAPY ASSISTANT

OTA 2  Conceptl Fund of Occup Therapy (3 Units)
In this course, the Occupational Therapy Assistant (OTA) student develops knowledge and understanding of the various contexts of occupation, the services in which Occupational Therapy (OT) are provided, and the scope of practice for the Occupational Therapy Assistant (OTA). PREREQUISITE: Enrollment in the Occupational Therapy Assistant program Occupational Therapy Assistant 1. (A, CSU)

Online Class Offering(s)
OTA 2-82160 WEB WEB WEB E.DOLIN
Meets from 06/21 to 07/30 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the class. Failure to do so may result in the student being dropped from the course. Please contact the instructor through Canvas for more information.)

OT 10  MED TERMINOLOGY (3 Units)
This course provides students an opportunity to learn medical vocabulary with concentration on prefixes, suffixes, and root words. Emphasis is given to word dissection and definitions as applied to the body systems including the terminology used in examinations, diagnoses, procedures, laboratory investigations, and medical reports. ADVISORIES: Eligibility for English 125 and 126. (A, CSU)

Online Class Offering(s)
OT 10-82139 WEB WEB WEB E.DOLIN
Meets from 06/21 to 07/30 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the class. Failure to do so may result in the student being dropped from the course. Please contact the instructor through Canvas for more information.)

OTA 20  Thry & Prcs in Psychosol Dysfu (3 Units)
In this course, the Occupational Therapy Assistant (OTA) student learns about working with individuals who have mental health conditions, cognitive impairments, and emotional dysregulation behavior. The student learns the scope of occupational therapy, types of practice settings, common frames of references, intervention strategies, standardized tests, group dynamics, and role of the OTA in a psychosocial setting. PREREQUISITE: Enrollment in the Occupational Therapy Assistant program OT-10. ADVISORY: Prefer anatomy/physiology be taken no more than 10 years prior to enrollment date, PSY-2 or PSY-16 or SOC-1A. (A, CSU)
Hybrid Class Offering(s)
OTA 20-82161  M  4:30pm-7:20  CCC WEB  D.PAVLOVICH
and  T  4:30pm-7:20  CCC WEB  D.PAVLOVICH
and  W  4:30pm-7:20  HC 304  D.PAVLOVICH
and  T  4:30pm-7:20  HC 304  D.PAVLOVICH
and  T  4:30pm-7:20  CCC WEB  D.PAVLOVICH

Meets from 06/21 to 07/26 This hybrid class will meet on-campus and online. Students will be required to attend synchronous (live) online sessions on Mondays 6/21-7/26 and Tuesdays 6/22, 7/13, and 7/27, 4:30-7:20pm, and on-campus meetings on Wednesdays 6/23-7/28 and Tuesdays 6/29, 7/6 and 7/20, 4:30-7:20pm. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.

OTA 21  Thry & Proc in Psyoc Dys Lab (.5 Units)
Through a hands-on lab, the Occupational Therapy Assistant (OTA) student analyzes psychosocial disabilities and develops intervention methods and strategies for remediation of and compensation for psychosocial deficits and impairments. The student learns about and administers assessments to determine psychosocial deficits, develops a treatment plan, and implements treatment plan through individual treatment session or group setting. PREREQUISITE: Enrollment in the Occupational Therapy Assistant program. CO-REQUISITE: OTA-20. (A, CSU)

Hybrid Class Offering(s)
OTA 21-82162  M  1:30pm-3:45  CCC WEB  D.PAVLOVICH
and  W  1:30pm-3:45  HC 309  D.PAVLOVICH

Meets from 06/21 to 07/26 This hybrid class will meet on-campus and online. Students will be required to attend synchronous (live) online sessions on Mondays, 1:30-3:45pm, and on-campus meetings on Wednesdays, 1:30-3:45pm. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.

PHILOSOPHY

PHIL 1  Intro to Philosophy (3 Units)
This course introduces students to traditional and contemporary views in metaphysics, epistemology, and value-theory. Topics include the sources and limits of knowledge, the nature of reality, the relationship between mind and body, free will and determinism, the existence of God, and the nature of morally right action. Readings include selections drawn from the primary texts of Plato, Aristotle, Aquinas, Descartes, Locke, Berkeley, Hume, or Kant, as well as various twentieth century philosophers. ADVISORIES: English 1A. (A, CSU-GE, UC, I) (C-ID PHIL 100)

Online Class Offering(s)
PHIL 1-82012  WEB  WEB  WEB  C.BOGOSIAN
Meets from 05/24 to 06/25 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
PHIL 1-82039  WEB  WEB  WEB  G.BOCK
Meets from 06/21 to 07/30 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
PHIL 1C  Ethics (3 Units)
This course examines key ethical theories such as utilitarianism, deontology, and virtue ethics. Major philosophers studied include Aristotle, Kant, and Mill. The course includes application of theories to contemporary moral problems. ADVISORIES: English 1A. (A, CSU-GE, UC, I) (C-ID PHIL 120)

Online Class Offering(s)
PHIL 1C-82040 WEB WEB WEB G.BOCK
Meets from 06/21 to 07/30 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

PHYSICAL EDUCATION

PE 15  WEIGHT TRAINING (1 Units)
A course designed to improve physical fitness levels through resistance training exercises using free/machine weights. The following components of physical fitness will be emphasized: muscular endurance, muscular strength, body composition, flexibility, and cardio-respiratory endurance. (A, CSU, UC)

Online Class Offering(s)
PE 15-82036 WEB WEB WEB C.ALBERTSON
Meets from 06/21 to 07/30 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

PE 29  YOGA (1 Units)
This course is an introduction to basic yoga practices and principles. Instruction includes classifications of yoga postures as well as guided relaxations and breathing practices. The benefits of yoga include increased flexibility, strength, balance, body awareness and stress reduction. This course is designed for students of all ages and fitness levels. (A, CSU, UC)

Online Class Offering(s)
PE 29-82037 WEB WEB WEB A.STETLER
Meets from 06/21 to 07/30 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

POLITICAL SCIENCE

POLSCI 2  AMERICAN GOV (3 Units)
The field of American politics deals with the organization, distribution and orientation of political power in American society. This course surveys the processes and institutions of United States national, state and local politics. Among the topics discussed are individual political attitudes and values, political participation, voting, parties, interest groups, Congress, the presidency, Supreme Court, the federal bureaucracy, civil liberties and civil rights, and domestic and foreign policy making. Attention is paid both to the present state of the American political system and to its historical roots. PREREQUISITES: Eligibility for English 1A or 1AH. (A, CSU-GE, UC, I) (C-ID POLS 110)

Online Class Offering(s)
POLSCI 2-82041 WEB WEB WEB C.BOOTH
Meets from 06/21 to 07/30 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
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**PSYCHOLOGY**

**PSY 2  Gen Psychology (3 Units)**
This course presents an overview of psychology, a field that emphasizes the scientific study of human behavior and mental processes. The content focuses on major psychological theories and concepts, methods, research findings, and real-world applications in psychology. Topics include history, methodology, biopsychology, lifespan development, sensation and perception, consciousness and altered states, learning and memory, cognition and language, intelligence, motivation and emotion, personality, psychopathology and therapy, stress and health, social psychology, and cultural influences. ADVISORIES: Eligibility for English 1A. (A, CSU-GE, UC, I) (C-ID PSY 110)

**Online Class Offering(s)**
- PSY 2-82043 WEB WEB WEB K.JOHNSON
  Meets from 06/21 to 07/30 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
- PSY 2-82044 WEB WEB WEB V.AGUIRRE
  Meets from 06/21 to 07/30 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
- PSY 2-82059 WEB WEB WEB T.ROYCE
  Meets from 06/21 to 07/30 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

**PSY 16  Abnormal Psy (3 Units)**
This course introduces the scientific study of psychopathology and atypical behaviors, broadly defined. Students investigate abnormal behavior from a variety of perspectives including biological, psychological, and sociocultural approaches. An integrative survey of theory and research in abnormal behavior, including intervention and prevention strategies for psychological disorders. ADVISORIES: Psychology 2 or Psychology 2H and eligibility for English 1A. (A, CSU-GE, UC, I) (C-ID PSY 120)

**Online Class Offering(s)**
- PSY 16-82042 WEB WEB WEB T.MATTHEWS
  Meets from 06/21 to 07/30 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

**PSY 45  PSY RESEARCH METH (3 Units)**
This course surveys psychological research methods. An emphasis is placed on research design, descriptive techniques, experimental procedures, and the characteristics of valid assessment tools. The course also focuses on the collection, analysis, interpretation, and reporting of research data. Cultural considerations and the ethics of research with human and animal participants will be included. The course is designed for psychology majors and others who require familiarity with such research techniques. PREQUISITES: Psychology 2 or 2H, and Mathematics 11 or 11H or Statistics 7. ADVISORIES: English 1A or 1AH.(A, CSU-GE, UC, I) (C-ID PSY 200)

**Online Class Offering(s)**
- PSY 45-82045 WEB WEB WEB A.SHAVER
  Meets from 06/21 to 07/30 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
SOCIOLOGY

SOC 1A  INTRO TO SOC (3 Units)
Sociology 1A promotes the understanding of society and how it works. It also examines how society affects individuals and how individuals affect society. Major topics include culture, socialization, social problems, and social change. ADVISORIES: Eligibility for English 125 and 126. (A, CSU-GE, UC, I) (C-ID SOCI 110)

Online Class Offering(s)
SOC 1A-82046 WEB WEB WEB R.RANGEL
Meets from 06/21 to 07/30 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

SOC 32  COURT/MARR/DIVOR (3 Units)
Sociology 32 is the introduction to the principles of marriage and family relationships, including love, courtship, mate selection, marriage, sexuality, family planning, pregnancy and childbirth, sexually transmitted diseases, family conflict, conflict resolution, communication skills, divorced families, step-families, aging, and widowhood. ADVISORIES: Eligibility for English 125 and 126. (A, CSU-GE, UC) (C-ID SOCI 130)

Online Class Offering(s)
SOC 32-82047 WEB WEB WEB R.RANGEL
Meets from 06/21 to 07/30 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

SPANISH

SPAN 2  HIGH-BEG SPANISH (5 Units)
This second-semester course in conversational and written Spanish course is for non-native speakers. There is development of grammatical structures, expansion of vocabulary and further study of the cultures of Spain, Latin America and Hispanic cultures of the U.S. Introduction to the literary text. PREREQUISITES: Spanish 1, or 2 years of high school Spanish, or the equivalent skill level as determined by instructor. ADVISORIES: Eligibility for English 1A. (A, CSU, CSU-GE, UC, I) (C-ID SPAN 110)

Online Class Offering(s)
SPAN 2-82048 WEB WEB WEB D.GUTIERREZ
Meets from 06/21 to 07/30 (CNHS Students This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
SPAN 2-82049 WEB WEB WEB E.GALINDO
Meets from 06/21 to 07/30 (CNHS Students This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
SPAN 2-82051 WEB WEB WEB D.GUTIERREZ
Meets from 06/21 to 07/30 (CNHS Students This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
SPAN 2-82193 WEB WEB WEB D.MACIAS SANCHEZ
Meets from 06/21 to 07/30 (CNHS Students This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
### STATISTICS

**STAT 7  ELEM STATISTICS (4 Units)**

This course provides an introduction to statistical methods and techniques for business and behavioral/social science majors. Topics include: Data collection and analysis measures of central tendency and variability probability theory discrete and continuous distributions sampling theory and estimation hypothesis testing correlation/regression analysis time series analysis and index numbers. **PREREQUISITES:** Mathematics 103 or two years high school algebra. **ADVISORIES:** Eligibility for English 125 and 126. (A, CSU-GE, UC, I)(C-ID MATH 110)

**Online Class Offering(s)**

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<th>Course</th>
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<td>STAT 7-82146</td>
<td>WEB</td>
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Meets from 06/21 to 07/29 (This is a 100% online class. Students that are enrolled must check their Canvas account by the first day of the class. Failure to do so may result in the student being dropped from the course. Please contact the instructor through Canvas for more information.)
SUMMER 2021 – 10-WEEK SESSION: MAY 24 – JULY 30

Please note: the class schedule is subject to change.
Please check WebAdvisor for the most current class offerings.

BIOLOGY

BIOL 3  INTRO LIFE SCI (4 Units)
This course is recommended for the non-biological science and pre-education majors. This is an introductory course using biological concepts. The cellular and organismal structure, function, inheritance, evolution, and ecology are covered. Field trips may be required. ADVISORIES: Eligibility for English 125 and 126. (A, CSU-GE, UC, I)

Online Class Offering(s)
BIOL 3-82195  WEB  WEB  WEB  S.GUNASEKARA
and  TBA  TBA  CCC WEB  S.GUNASEKARA
Meets from 05/24 to 07/30 (This is a 100% online class. Students that are enrolled must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course. Please contact the instructor through Canvas for more information.)

BIOL 3-82079  WEB  WEB  WEB  K.WALTERS
and  TBA  TBA  CCC WEB  K.WALTERS
Meets from 05/24 to 07/30 (This is a 100% online class. Students that are enrolled must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course. Please contact the instructor at karen.walters@cloviscollege.edu for more information.)

BIOL 3-82080  WEB  WEB  WEB  K.WALTERS
and  TBA  TBA  CCC WEB  K.WALTERS
Meets from 05/24 to 07/30 (This is a 100% online class. Students that are enrolled must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course. Please contact the instructor at karen.walters@cloviscollege.edu for more information.)

BIOL 5  HUMAN BIOLOGY (4 Units)
This course is an introductory human biology course that examines science and societal issues. There is special emphasis on the following body systems: circulatory, digestive, respiratory, urinary, skeletal, muscular, nervous, sensory, endocrine, reproductive, and genetics. ADVISORIES: English 1A and eligibility for Mathematics 201. (A, CSU-GE, UC, I)

Online Class Offering(s)
BIOL 5-82082  WEB  WEB  WEB  R.NEARN
and  TBA  TBA  CCC WEB  R.NEARN
Meets from 05/24 to 07/30 (This is a 100% online class. Students that are enrolled must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course. Please contact the instructor at robyn.nearn@cloviscollege.edu for more information.)

BIOL 5-82083  WEB  WEB  WEB  A.MOHAN
and  TBA  TBA  CCC WEB  A.MOHAN
Meets from 05/24 to 07/30 (This is a 100% online class. Students that are enrolled must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course. Please contact the instructor at archana.mohan@cloviscollege.edu for more information.)

BIOL 5-82084  WEB  WEB  WEB  F.JONES
and  TBA  TBA  CCC WEB  F.JONES
Meets from 05/24 to 07/30 (This is a 100% online class. Students that are enrolled must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course. Please contact the instructor at franklyn.jones@cloviscollege.edu for more information.)

**BIOL 20  HUMAN ANATOMY (4 Units)**
This is a course providing a basic understanding and working knowledge of the human body with emphasis on the structure of each major system. The interrelationship between human systems and the relationships between the structure and functions of each system will be studied at several levels: cellular, tissue, organ, system, and organismal. PREREQUISITES: Biology 5 or Biology 11A or Biology 25. ADVISORIES: Eligibility for English 1A and eligibility for Mathematics 201.(A, CSU-GE, UC, I) (C-ID BIOL 110B)

**Online Class Offering(s)**

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<td>J.HENDRIXSON</td>
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Meets from 05/24 to 07/30 (This is a 100% online class. Students that are enrolled must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course. Please contact instructor at jan.hendrixson@cloviscollege.edu for more information.)

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Meets from 05/24 to 07/30 (This is a 100% online class. Students that are enrolled must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course. Please contact instructor at william.whalen@reedleycollege.edu for more information.)

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<td>CCC WEB</td>
<td>J.HENDRIXSON</td>
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Meets from 05/24 to 07/30 (This is a 100% online class. Students that are enrolled must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course. Please contact instructor at jan.hendrixson@cloviscollege.edu for more information.)
SUMMER 2021 – MISC SESSIONS: MAY 24 – AUGUST 3
Please note: the class schedule is subject to change.
Please check WebAdvisor for the most current class offerings.

BIOLOGY

BIOL 20  HUMAN ANATOMY (4 Units)
This is a course providing a basic understanding and working knowledge of the human body with emphasis on the structure of each major system. The interrelationship between human systems and the relationships between the structure and functions of each system will be studied at several levels: cellular, tissue, organ, system, and organismal. PREREQUISITES: Biology 5 or Biology 11A or Biology 25. ADVISORIES: Eligibility for English 1A and eligibility for Mathematics 201. (A, CSU-GE, UC, I) (C-ID BIOL 110B)

Hybrid Class Offering(s)
BIOL 20-81924 WEB WEB CCC WEB W.WHALEN and TTh 12:00pm-2:50 AC2 285 W.WHALEN
Meets from 05/24 to 07/23 (This hybrid class is online for all lecture content between 5/24 - 7/23. Face-to-face labs are required on a weekly basis on T or Th from 12:00 p.m. to 3:30 p.m. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

CHEMISTRY

CHEM 1A  GEN CHEMISTRY (5 Units)
This is the first course in a two course sequence in general chemistry and is intended for students majoring in science or satisfying prerequisites for professional schools. This course covers the principles and laws of inorganic chemistry with an emphasis on quantitative, mathematical problem-solving. Topics included in the course are atoms, molecules and ions formulas and equations stoichiometry gas laws electronic structure of atoms bonding atomic orbital and molecular orbital theories solutions precipitation reactions oxidation reduction reactions introduction to acids and bases thermochemistry properties of liquids solids and crystal structures solution behavior colligative properties associated laboratory experiments and volumetric and gravimetric analysis methods. PREREQUISITES: High school chemistry with laboratory component or Chemistry 3A or 10 or equivalent, and Mathematics 103 or equivalent. ADVISORIES: English 1A. (A, CSU-GE, UC, I) (C-ID CHEM 110) (C-ID 120S: CHEM 1A & CHEM 1B)

Hybrid Class Offering(s)
CHEM 1A-81923 MTWTh 8:00am-9:30 AC2 238 D.CAO and MTWTh 10:10am-1:30 AC2 238 D.CAO
Meets from 06/01 to 07/23 (This is a face to face 50% hybrid course. Lecture is synchronous M-Th 8-9:45 AM. Half of the class will attend face to face lecture and lab each day.)

CHEM 3A  INTRO GEN CHEM (4 Units)
This is a survey course in the principles of inorganic chemistry covering the composition of matter, physical and chemical changes, atomic and molecular structure, inorganic nomenclature, chemical formula and reaction calculations, gas laws, bonding, solutions, net-ionic equations, acid-base theories, pH, oxidation-reduction reactions, thermodynamics, nuclear chemistry and equilibrium. The course emphasizes problem solving and chemical calculations. Both qualitative and quantitative theory and techniques will be covered. It is intended for applied science and non-science majors or for students preparing to take Chemistry
1A. PREREQUISITES: Mathematics 103. ADVISORIES: English 1A, Chemistry 10 or high school chemistry. (A, CSU-GE, UC, I)(C-ID CHEM 101)

Online Class Offering(s)
CHEM 3A-82088 WEB WEB WEB K. HEREDIA
and TBA TBA CCC WEB K. HEREDIA
Meets from 05/24 to 07/02 (This is a 100% online class. Students that are enrolled must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course. Please contact instructor at katie.heredia@cloviscollege.edu for more information.)

COOPERATIVE WORK EXPERIENCE

COTR 19G COOP TRN GENERAL (1-6 Units)
Supervised employment, not directly related to the student's major. Students may enroll for a maximum of 6 units per semester. Students earn units using the following formula: for paid work, 75 hours = 1 unit for volunteer work, 60 hours = 1 unit. Note: Repetition of Cooperative Work Experience courses is allowable under Title 5, §55253. (A, CSU)

Online Class Offering(s)
COTR 19G-82169 WEB WEB WEB C. HOLDEN
Meets from 05/24 to 07/16 (Students are required to attend the following online orientation meeting: Thursday, 05/27 from 5:00-6:00pm. Students that are enrolled must check their Canvas account by the first day of class. Students must be employed to enroll in and complete the class. Zoom meeting links will be posted in Canvas.)

INTERDISCIPLINARY STUDIES

INTDS 50 College Success (3 Units)
This course is designed for first-year college students and provides an exploration of cognitive, psychological, social, and physical factors influencing success in college, the world of work, and in life. Topics include personal responsibility, critical thinking, motivation, self-efficacy, self-awareness, lifelong learning, self-management, health and wellness, interpersonal communication in a diverse world, educational planning, and service learning. ADVISORIES: Eligibility for English 125, English 126, and MATH-201. (A, CSU, UC)

Short Term Class Offering(s)
INTDS 50-82177 MTWTh 9:00am-12:20 AC1 150 G. RAMIREZ
Meets from 06/14 to 07/09 STEM EXPLORATION ACADEMY CUSD Students are pre-selected by CUSD to participate in this program. This is an in-person course. Safety guidelines permitting, on-campus face-to-face classes will take place as indicated in the schedule information for this section. In the event that this course is required to return to an online format, students must have the necessary equipment and internet connectivity to attend synchronous [live] online class sessions. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course. Please contact instructor at gabriella.ramirez@cloviscollege.edu for more information.

INTDS 50-82176 MTWTh 9:00am-12:10 AC1 275 P. XIONG
Meets from 06/07 to 07/01 CEHS SUMMER BRIDGE PROGRAM Students are pre-selected by Clovis East High School to participate in this program. This is an in-person course. Safety guidelines permitting, on-campus face-to-face classes will take place as indicated in the schedule information for this section. In the event that this course is required to return to an online format, students must have the necessary equipment and internet connectivity to attend synchronous [live] online class sessions. Enrolled students must check their
LIBRARY SKILLS

LIBSKL 1  Info Comp/Research Skls (1.5 Units)
This course is an introduction to research skills and strategies for college students to successfully locate, access, evaluate, and use information in various formats. Students will learn how to use print, database and Internet resources, cite sources, create bibliographies, and understand plagiarism. ADVISORIES: Eligibility for English 125 and 126. (A, CSU, UC)

Online Class Offering(s)
LIBSKL 1-82171  M 10:00am-11:50  WEB  A.DIAZ WREST
and  TBA  TBA  CCC WEB  A.DIAZ WREST
Meets from 06/14 to 07/16 (This is a 100% online class. Students will be required to attend synchronous (live) online sessions Monday 10:00-11:50pm between 6/14 - 7/16 and an additional 3.4 hours per week of regular online class work. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

MECHATRONICS & INDUSTRIAL AUTOMATION

MECH 19V  Coop Wk Exp, Mech/Indus Autom (1-8 Units)
Supervised employment, directly related to the student's major in Mechatronics / Industrial Automation. Students earn units using the following formula: for paid work, 75 hours = 1 unit for volunteer work, 60 hours = 1 unit. Students may enroll for a maximum of 8 units per semester. Students may earn a total of 16 units in work experience of which only 6 may be in COTR 19G. Note: Repetition of Cooperative Work Experience courses is allowable under Title 5, §55253. (A)

Online Class Offering(s)
MECH 19V-82154  WEB  WEB  WEB  M.GRAFF
Meets from 06/01 to 07/30 (Students are required to attend the following online orientation meeting: Thursday, 06/03 from 5:00-6:00pm. Students that are enrolled must check their Canvas account by the first day of class. Students must be employed to enroll in and complete the class. Zoom meeting links will be posted in Canvas.)

MECH 45  Industrial Automation Sys (3 Units)
Introduction to industrial automation technologies and the procedures utilized when troubleshooting automated control systems. Topics include programmable logic controllers (PLC), machine control, industrial robots, barcode readers, material handling systems, and Ethernet communications. PREREQUISITE: Mechatronics 5. (A, CSU-GE)

Short Term Class Offering(s)
MECH 45-82125  T  6:10pm-8:00  HC 310  J.RATTO
and  T  2:30pm-6:00  HC 310  J.RATTO
and  W  2:30pm-5:00  HC 310  J.RATTO
and  Th  2:30pm-9:00  HC 310  J.RATTO
Meets from 06/01 to 07/27
### PHILOSOPHY

**PHIL 1  Intro to Philosophy (3 Units)**
This course introduces students to traditional and contemporary views in metaphysics, epistemology, and value-theory. Topics include the sources and limits of knowledge, the nature of reality, the relationship between mind and body, free will and determinism, the existence of God, and the nature of morally right action. Readings include selections drawn from the primary texts of Plato, Aristotle, Aquinas, Descartes, Locke, Berkeley, Hume, or Kant, as well as various twentieth century philosophers. ADVISORIES: English 1A. (A, CSU-GE, UC, I) (C-ID PHIL 100)

**Online Class Offering(s)**
PHIL 1-82012 WEB WEB WEB C.BOGOSIAN
Meets from 05/24 to 06/25 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

**PHIL 1C  Ethics (3 Units)**
This course examines key ethical theories such as utilitarianism, deontology, and virtue ethics. Major philosophers studied include Aristotle, Kant, and Mill. The course includes application of theories to contemporary moral problems. ADVISORIES: English 1A. (A, CSU-GE, UC, I) (C-ID PHIL 120)

**Online Class Offering(s)**
PHIL 1C-82013 WEB WEB WEB C.BOGOSIAN
Meets from 05/24 to 06/25 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

### PHYSICAL EDUCATION

**PE 36C  SOCCER CONDITN (1 Units)**
This is a course for off-season conditioning of soccer players. This class is designed for students possessing the desire, ability and soccer skills necessary to compete on the intercollegiate level. Prospective participants should confer with the soccer coach before enrollment. PREREQUISITES: Limitation on enrollment: performance tryouts. (A)

**PE 36C-***** MTWTh 7:00am-10:30 CCC FIELD C.MCCARTY**
Meets from 07/12 to 08/03 (Men's Soccer Team. For further information contact athletic counselor at karie.hannigan@cloviscollege.edu or [559]325-5230. This is an in-person course. Safety guidelines permitting, on-campus face-to-face classes will take place as indicated in the schedule information for this section. If this course is required to return to an online format, students must have the necessary equipment and internet connectivity to attend synchronous [live] online class sessions. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

**PE 36C-***** MTWTh 8:00am-10:50 CCC FIELD O.RAMIREZ**
Meets from 07/06 to 08/03 (Women's Soccer Team. For further information contract athletic counselor at karie.hannigan@cloviscollege.edu or [559]325-5230. This is an in-person course. Safety guidelines permitting, on-campus face-to-face classes will take place as indicated in the schedule information for this section. If this course is required to return to an online format, students must have the necessary equipment and internet connectivity to attend synchronous [live] online class sessions. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
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**PE 45  PERFORMANCE TRNG (1 Units)**
Resistance training for intercollegiate athletes. ADVISORIES: Eligibility for English 126. LIMITATION ON ENROLLMENT: Students in this course must perform and compete at the intercollegiate level. Course is for intercollegiate athletes.(A, CSU)

**Hybrid Class Offering(s)**
PE 45-***** ARR ARR ARR C.ALBERTSON
and TBA TBA CCC WEB C.ALBERTSON
(Men & Women's Cross Country Team. For further information contact athletic counselor at karie.hannigan@cloviscollege.edu This hybrid class is a mixture of online and face-to-face content between 6/21-8/3. Face-to-face labs are required during the session to be scheduled with the instructor the first week of class.)
FALL 2021 – CLOVIS MAIN CAMPUS FULL-TERM, SHORT-TERM, EVENING, SATURDAY, AND DISTANCE EDUCATION CLASSES

Please note: the class schedule is subject to change.
Please check WebAdvisor for the most current class offerings.

ACCOUNTING

ACCTG 4A  FINANCIAL ACCTG (4 Units)
This course covers the accounting information system, examining why it is important and how it is used by investors, creditors, and others to make decisions. It includes recording and reporting of business transactions with a focus on the accounting cycle, and the application of generally accepted accounting principles for the preparation of financial statements. This course includes issues relating to asset, liability, equity valuation, revenue and expense recognition, cash flow, internal control and ethics. ADVISORIES: Accounting 40, eligibility for English 125, 126, and Mathematics 201 (A, CSU, UC) (C-ID ACCT 110)

Online Class Offering(s)
ACCTG 4A-81555 WEB WEB WEB J.CASTANEDA
and TBA TBA CCC WEB J.CASTANEDA
(This is a 100% online class. Students that are enrolled must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

ACCTG 4A-81556 WEB WEB WEB J.CASTANEDA
and TBA TBA CCC WEB J.CASTANEDA
(This is a 100% online class. Students that are enrolled must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

ACCTG 4A-81557 M  6:00pm-8:15 WEB W.WHITE
And W 6:00pm-7:15 CCC WEB W.WHITE
and W 7:25pm-8:15 CCC WEB W.WHITE
(This is a 100% online class. Synchronous (live) online instruction will be available during Monday and Wednesday 6:00 - 8:15pm. Students who cannot attend the synchronous (live) lecture will be able to view a recording of the live session. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

ACCTG 4B  MANAGERIAL ACCTG (4 Units)
This course is a study of how managers use accounting information in decision-making, planning, directing operations and controlling. Focuses on cost terms and concepts, cost behavior, cost structure and cost-volume-profit analysis. Includes issues of cost systems, cost control, profit planning, and performance analysis in manufacturing and service environments. PREREQUISITES: Accounting 4A. ADVISORIES: Accounting 40, eligibility for English 125, 126, and Mathematics 201. (A, CSU, UC) (C-ID ACCT 120)

Online Class Offering(s)
ACCTG 4B-81582 WEB WEB WEB J.CASTANEDA
and TBA TBA CCC WEB J.CASTANEDA
(This is a 100% online class. Students that are enrolled must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
### AMERICAN SIGN LANGUAGE

#### ASL 1  BEG AM SIGN LANG (4 Units)

ASL 1 is a course in everyday communication with the Deaf and severely hearing impaired and intended for students with no knowledge of ASL. This class is an introduction to vocabulary, idioms, grammar, the culture of the deaf community, and appropriate behavior for social interaction with the deaf. ADVISORIES: Eligibility for English 1A. (A, CSU-GE, UC, I)

**Hybrid Class Offering(s)**

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<th>Section Number</th>
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<td>O.RUIZ</td>
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<td>TTh</td>
<td>2:00pm-3:50</td>
<td>AC1 181</td>
<td>O.RUIZ</td>
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(This hybrid class will meet on-campus and online. Students will be required to attend alternating sessions of synchronous (live) online sessions and on-campus sessions on TTH, 2-3:50pm. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

**Online Class Offering(s)**

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(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

#### ASL 2  HIGH-BEG ASL (4 Units)

This is the second-semester course in ASL. The course prioritizes everyday communication with the Deaf and Hard of Hearing individuals. This course focus on the development of grammatical structures and expansion of the ASL vocabulary. It further studies the culture of the Deaf community and appropriate behavior for social interaction with the Deaf and Hard of Hearing individuals. PREREQUISITE: American Sign Language 1. ADVISORIES: Eligibility for English 1A. (A, CSU-GE, UC, I)

**Online Class Offering(s)**

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<td>STAFF</td>
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(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

#### ASL 3  INT AM SIGN LANG (4 Units)

This is the third-semester course in ASL. This course reviews the basic grammatical structures. Further develops the expressive and receptive skills, grammar, vocabulary, cultural awareness, and related terminology Increased reliance on signing in the study of the culture of the deaf community. PREREQUISITE: American Sign Language 2. ADVISORIES: Eligibility for English 1A. (A, CSU-GE, UC, I)

**Online Class Offering(s)**

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<td>ASL 3-81210</td>
<td>WEB</td>
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<td>O.RUIZ</td>
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(This is a 100% online class. Enrolled students must check their Canvas account by the first
day of the semester. Failure to do so may result in the student being dropped from the course.)

**ANTHROPOLOGY**

**ANTHRO 1  Biological Anthro (3 Units)**
This course introduces the concepts, methods of inquiry, and scientific explanations for biological evolution and application to the human species. Topics and issues to be addressed may include, but are not limited to: genetics, evolutionary theory, modern human variation and biocultural adaptations, primate evolution and comparative primate anatomy and behavior, and the fossil evidence for human evolution. The scientific method serves as a foundation of inquiry for this course. ADVISORIES: Eligibility for English 1A. (A, CSU-GE, UC, I)

**Full Term Class Offering(s)**
ANTHRO 1-81168 TTh 5:00pm-6:15 AC1 150 J.MULLOOLY
(This is an in-person course. Safety guidelines permitting, on-campus face-to-face classes will take place as indicated in the schedule information for this section. If this course is required to return to an online format, students must have the necessary equipment and internet connectivity to attend synchronous [live] online class sessions. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

**Hybrid Class Offering(s)**
ANTHRO 1-81165 WEB WEB CCC WEB L.TAYLOR
and Th 12:00pm-1:15 AC1 275 L.TAYLOR
(This hybrid class will meet on-campus and online. Students will be required to participate by attending on-campus sessions on TH, 12-1:15pm in AC1-275 and working on instructional materials provided online weekly. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

**Online Class Offering(s)**
ANTHRO 1-81166 WEB WEB WEB J.MULLOOLY
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

ANTHRO 1-81167 WEB WEB WEB L.TAYLOR
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

ANTHRO 1-81514 WEB WEB WEB L.TAYLOR
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

ANTHRO 1-81515 WEB WEB WEB L.TAYLOR
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

**ANTHRO 2  CULTURAL ANTHRO (3 Units)**
This course explores how anthropologists study and compare human culture. Cultural anthropologists seek to understand the broad arc of human experience focusing on a set of central issues, including: subsistence patterns, social, political, and economic organization patterns of communication and creative expression, familial and kinship relations, belief systems, gender, racial and ethnic identity labels, the developmental influence of social inequality, and internal culture change resulting from external forces. Ethnographic case studies and professional anthropological research ethics are employed to introduce students to the tools
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used to understand humans around the globe. ADVISORIES: Eligibility for English 1A or Interdisciplinary Studies 251. (A, CSU-GE, UC, I)(C-ID ANTH 120)

**Online Class Offering(s)**

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<th>ANTHRO 2-81170</th>
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<th>ANTHRO 2-81171</th>
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<th>A.SANTANA</th>
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**ANTHRO 3  INTRO TO ARCHEOL (3 Units)**

This course is a broad survey of the physical and cultural evolution of humanity from the first use of stone tools to the rise of civilization as understood through the archaeological record. The course includes a discussion of the history, methods, and interdisciplinary nature of archaeological research. ADVISORIES: Eligibility for English 1A or Interdisciplinary Studies 251. (A, CSU-GE, UC, I)

**Hybrid Class Offering(s)**

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<td>and T 12:00pm-1:15 AC1 275 L.TAYLOR</td>
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<td>(This hybrid class will meet on-campus and online. Students will be required to participate by attending on-campus sessions on T, 12-1:15pm in AC1-275 and working on instructional materials provided online weekly. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)</td>
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**ART**

**ART 2  ART APPRECIATION (3 Units)**

Lecture course to learn the cultural significance of the arts. Instruction will cover media and movements. Students will also learn the elements and principles of design to understand the visual language of the arts and the methods used by artists to communicate ideas to the public. Course also emphasizes the multicultural visual dialogue that occurs throughout the different communities in the world. ADVISORIES: Eligibility for English 125 and 126. (A, CSU-GE, UC, I)(C-ID ARTH 100)

**Full Term Class Offering(s)**

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<th>ART 2-81183</th>
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<th>P.JOHNSON</th>
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**Online Class Offering(s)**

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account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

ART 2-81179 WEB WEB WEB C.PARK
(CCCAP-BHS/CWHS This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

ART 2-81181 WEB WEB WEB T.TERAN
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

ART 2-81182 WEB WEB WEB T.TERAN
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

ART 2-81469 WEB WEB WEB P.JOHNSON
(CCCAP-CHS/CEHS This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

ART 2-81470 WEB WEB WEB E.SCHELLENBERG
This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

ART 2-81517 WEB WEB WEB D.HART
This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

ART 2-81180 TTh 9:00am-10:15 WEB E.SCHELLENBERG
(This is a 100% online class. Students will be required to attend synchronous (live) online sessions on TTH, 9-10:15am. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

**ART 3 2-DIMEN DESIGN (3 Units)**
This course provides an introduction to the elements and principles of two-dimensional design within a historic, cultural, and aesthetic context. Students create and evaluate design projects with beginning level instruction in drawing, painting, collage, and mixed-media. ADVISORIES: Eligibility for English 125 and 126. (A, CSU, UC)(C-ID ARTS 100)

**Online Class Offering(s)**
ART 3-81185 WEB WEB WEB L.WEAVER
and TBA TBA CCC WEB L.WEAVER
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

ART 3-81186 WEB WEB WEB L.WEAVER
and TBA TBA CCC WEB L.WEAVER
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

**ART 4 3-DIMEN DESIGN (3 Units)**
This course is a study of the historical, cultural, and aesthetic influence of three-dimensional design including the formal elements and principles of the visual language. This includes the theory and the practice of these elements and principles as they apply to three-dimensional space and form. ADVISORIES: Eligibility for English 125 and 126. (A,CSU,UC)(C-ID ARTS 101)
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ART 4-81192
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and TBA TBA CCC WEB D.HART

Art 5  ART HISTORY 1 (3 Units)
This course examines the history of cultural production and visual aesthetics including two and three dimensional art and architecture from Prehistory through the Gothic Period. ADVISORIES: Eligibility for English 125 and 126. (A, CSU-GE, UC, I) (C-ID ARTH 110)

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<td>(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)</td>
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ART 5-81199
WEB WEB WEB P.JOHNSON

ART 6  ART HISTORY 2 (3 Units)
This course examines the history of cultural production and visual aesthetics including two and three dimensional art and architecture from the early renaissance through the end of the twentieth century. ADVISORIES: Eligibility for English 125 and 126. (A, CSU-GE, UC, I) (C-ID ARTH 120)

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<td>ART 6-81200</td>
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<td>(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)</td>
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ART 7  BEGIN DRAWING (3 Units)
This course will focus on developing basic skills in objective, representational, freehand drawing in various two-dimensional media. Through lecture and studio practice, students will explore representational, abstract, non-objective, and conceptual approaches to drawing. This course will also introduce the visual language of drawing, composition (the Elements and Principles of Design), historical and contemporary rendering techniques and drawing as creative personal expression. ADVISORIES: Eligibility for English 125 and 126. (A, CSU, UC) (C-ID ARTS 110)

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ART 7-81201
WEB WEB WEB C.JONES
and TBA TBA CCC WEB C.JONES

ART 7-81824
WEB WEB WEB C.JONES
Section Number Days Times Building/Room Instructor

and TBA TBA CCC WEB C.JONES
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

**ART 9  PAINT: OIL/ACR (3 Units)**
This course is an exploration of the creative act of painting using representational, abstract and non-objective forms. Emphasis is placed on the fundamentals of composition and the ability to handle materials. Students will learn basic color theory, value, line, shape, texture and techniques including direct paint application, glazing, brush strokes and impasto. Issues concerning canvas stretching, brush cleaning, mixing glazes and toxicity are addressed. Through lecture and studio practice, students gain introductory skills in painting within the context of an historical perspective. ADVISORIES: Eligibility for English 125, 126 and Mathematics 201. (A, CSU, UC) (C-ID ARTS 210)

**Online Class Offering(s)**
ART 9-81202 WEB WEB WEB WEB S.DENT
and TBA TBA CCC WEB S.DENT
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

ART 9-81203 WEB WEB WEB WEB S.DENT
and TBA TBA CCC WEB S.DENT
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

**ART 17  INTER DRAWING (3 Units)**
This course is an exploration of the creative act of drawing using representational, abstract, non-objective and conceptual forms. Students will build upon skills learned in beginning drawing and create a cohesive body of work. Historical and contemporary drawing techniques as well as drawing as a form of creative personal expression are integrated into course content. PREREQUISITES: Art 7. ADVISORIES: Eligibility for English 125 and 126. (A, CSU, UC) (C-ID ARTS 205)

**Online Class Offering(s)**
ART 17-81174 WEB WEB WEB WEB J.BOLEY
and TBA TBA CCC WEB J.BOLEY
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

**ART 19  INT PAINT OIL/ACR (3 Units)**
This course is an exploration of the creative act of painting using representational, abstract, and non-objective forms. Students will build upon skills learned in beginning painting and create a cohesive body of work. Historical and contemporary approaches to oil and acrylic media are integrated into course content. ADVISORIES: Art 9 or demonstration of comparable skill level to be determined by testing and/or portfolio of past oil/acrylic painting works, eligibility for English 125, 126, and Mathematics 201. (A, CSU, UC)

**Online Class Offering(s)**
ART 19-81176 WEB WEB WEB WEB S.DENT
and TBA TBA CCC WEB S.DENT
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
ART 26  Arts of Africa, Oceania, (3 Units)
Art 26 is a survey of the art outside the western European tradition, focusing on the major artistic traditions of Africa, Oceania, Indigenous North America, and the Pre-Columbian Americas, from ancient times up to the impact of European contact. The course will focus on the role of the visual arts in non-western cultural perspectives, including discussion of sacred ritual, social and cultural constructs, materials, and artistic creation. Emphasis will be placed on the recognition of works from major civilizations, their artistic traditions, and what can be revealed about the cultures and peoples who created them from historical and cultural viewpoints. Course content will include the availability of a trip to an internationally recognized art venue. ADVISORY: Eligibility for English 1A. (A, CSU-GE, UC, I)

Online Class Offering(s)
ART 26-81184 WEB WEB WEB P.JOHNSON
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

ART 30A  ILLUSTRATOR (3 Units)
This course will allow students to build skills in beginning computer drawing. Projects will emphasize topics of content and form in a digital drawing workflow. Students will be challenged to carry out design projects in a fine art, as well as, commercial environment. ADVISORIES: Eligibility for English 125 and 126. (A, CSU, UC)(C-ID ARTS 250: ART 30A & ART 37A)

Online Class Offering(s)
ART 30A-81187 WEB WEB WEB V.ADDISON-WILLIAMS
and TBA TBA CCC WEB V.ADDISON-WILLIAMS
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

ART 37A  PHOTOSHOP (3 Units)
The digital imaging software program, Adobe Photoshop«, is introduced. Emphasis is on photo restoration, image compositing, image manipulation, scanning, and printing. ADVISORIES: Eligibility for English 125, 126, and Mathematics 201. (A, CSU, UC)(C-ID ARTS 250: ART 30A & ART 37A)

Online Class Offering(s)
ART 37A-81189 WEB WEB WEB J.LEDGERWOOD
and TBA TBA CCC WEB J.LEDGERWOOD
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

ART 41  COMP MULTIMEDIA (3 Units)
This course is an introduction to computer multimedia for graphic design and the visual arts. The course will introduce a multi-media authoring program used for creating interactive media such as animation and simple, interactive projects. ADVISORIES: Eligibility for English 125, 126, and Mathematics 201. (A, CSU, UC) (C-ID ARTS 250)

Online Class Offering(s)
ART 41-81193 WEB WEB WEB J.LEDGERWOOD
and TBA TBA CCC WEB J.LEDGERWOOD
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
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<td>COMPTR ANIMTN/3D (3 Units)</td>
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<td>This course is an introduction to 3D computer animation and modeling on the computer. Projects such as creating 3D still images and 3D animations will be assigned. ADVISORIES: Eligibility for English 125, 126, and Mathematics 201. (A, CSU) (C-ID</td>
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<td>This course involves the production of individual work under supervision of instructor in a specialized area. It may include ceramics, commercial art, digital imaging, drawing, design, sculpture, printmaking, painting or photography. During the first week of the semester, student enrolling must present an appropriate project based upon skills learned in other art courses. PREREQUISITES: Art 7 or 9 or 10 or 13 or 30A or 37A or 38. (A, CSU)</td>
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<td>DIGITL VIDEO EDIT (3 Units)</td>
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<td>This course is an introduction to digital video editing on the computer. Topics such as modern film theory, film treatments, framing shots, timing and transitions, and other pre- and post-production skills are also covered. ADVISORIES: Eligibility for English 125, 126, and Mathematics 201. (A, CSU, UC)</td>
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<td>Online Class Offering(s)</td>
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<td>and</td>
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<td>TBA</td>
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<tr>
<td>(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)</td>
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</table>
BIOLOGY

BIOL 2  Environ Science (4 Units)
This introductory course examines the earth as an ecosystem composed of biological, chemical, and physical processes, with an emphasis on human impacts. Topics will include the structure and function of ecological systems, air and water pollution, pesticide use, waste disposal, climate change, natural resource use, and environment laws. Students will gain an understanding of how humans influence natural environments while focusing on sustainable practices. Basic chemical, physical, and geological processes will be introduced to better explain these topics throughout the course. ADVISORIES: Eligibility for English 1A and eligibility for Mathematics 201. (A, CSU, CSU-GE, UC, I)

Hybrid Class Offering(s)
BIOL 2-81757 WEB WEB CCC WEB STAFF
and F 11:00am-2:05 AC2 281 STAFF
(This hybrid class is online for all lecture content between 8/9 - 12/10. Face-to-face labs are required on a weekly basis on Fridays from 11:00 a.m. to 2:05 p.m. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

BIOL 3  INTRO LIFE SCI (4 Units)
This course is recommended for the non-biological science and pre-education majors. This is an introductory course using biological concepts. The cellular and organismal structure, function, inheritance, evolution, and ecology are covered. Field trips may be required. ADVISORIES: Eligibility for English 125 and 126. (A, CSU-GE, UC, I)

Hybrid Class Offering(s)
BIOL 3-81020 WEB WEB CCC WEB R.ALCAZAR
and M 11:00am-2:05 AC2 281 R.ALCAZAR
(This hybrid class is online for all lecture content between 8/9 - 12/10. Face-to-face labs are required on a weekly basis on Mondays from 11:00 a.m. to 2:05 p.m. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

BIOL 3-81021 WEB WEB CCC WEB R.ALCAZAR
and W 11:00am-1:50 AC2 281 R.ALCAZAR
(This hybrid class is online for all lecture content between 8/9 - 12/10. Face-to-face labs are required on a weekly basis on Wednesdays from 11:00 a.m. to 1:50 p.m. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

BIOL 3-81022 WEB WEB CCC WEB R.ALCAZAR
and T 11:30am-2:20 AC2 281 R.ALCAZAR
(This hybrid class is online for all lecture content between 8/9 - 12/10. Face-to-face labs are required on a weekly basis on Tuesdays from 11:30 a.m. to 2:20 p.m. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

BIOL 3-81023 WEB WEB CCC WEB S.COFFMAN
and T 4:00pm-6:50 AC2 281 S.COFFMAN
(This hybrid class is online for all lecture content between 8/10 - 12/11. Face-to-face labs are required on a weekly basis on Tuesdays from 4:00 p.m. to 6:50 p.m. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
(This hybrid class is online for all lecture content between 8/9 - 12/10. Face-to-face labs are required on a weekly basis on Thursdays from 3:50 p.m. to 6:55 p.m. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

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<thead>
<tr>
<th>Section Number</th>
<th>Days</th>
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<th>Building/Room</th>
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<tr>
<td>BIOL 3-81027</td>
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<td>CCC WEB</td>
<td>E.HANNON</td>
</tr>
<tr>
<td>and</td>
<td>T</td>
<td>7:00pm-9:50</td>
<td>AC2 281</td>
<td>E.HANNON</td>
</tr>
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(This hybrid class is online for all lecture content between 8/9 - 12/10. Face-to-face labs are required on a weekly basis at the times listed. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

<table>
<thead>
<tr>
<th>Section Number</th>
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<th>Instructor</th>
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<tr>
<td>BIOL 3-81029</td>
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<td>CCC WEB</td>
<td>S.GUNASEKARA</td>
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<td>and</td>
<td>S</td>
<td>8:00am-11:05</td>
<td>AC2 281</td>
<td>S.GUNASEKARA</td>
</tr>
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</table>

(This hybrid class is online for all lecture content between 8/9 - 12/1. Face-to-face labs are required on a weekly basis on Saturday from 8:00 a.m. to 11:05 a.m. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

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<tr>
<td>WEB</td>
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<tr>
<td>J.VISVANATHAN</td>
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</table>

| and                      | W     | 3:00pm-6:05    | CCC WEB       | J.VISVANATHAN |

(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

| BIOL 3-81031            |
| F                       |
| 11:30am-2:20            |
| WEB                     |
| T.MELKONIAN             |

| and                      | F     | 7:45am-10:50   | CCC WEB       | T.MELKONIAN |

(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

| BIOL 3-81914            |
| TTh                     |
| 2:30pm-3:45             |
| WEB                     |
| T.MELKONIAN             |

| and                      | Th    | 7:05pm-10:10   | CCC WEB       | T.MELKONIAN |

(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

| BIOL 3-81026            |
| MW                      |
| 6:30pm-7:45             |
| WEB                     |
| J.VISVANATHAN           |

| and                      | M     | 3:00pm-6:05    | CCC WEB       | J.VISVANATHAN |

(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

<table>
<thead>
<tr>
<th>BIOL 5 HUMAN BIOLOGY (4 Units)</th>
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</thead>
<tbody>
<tr>
<td>This course is an introductory human biology course that examines science and societal issues. There is special emphasis on the following body systems: circulatory, digestive, respiratory, urinary, skeletal, muscular, nervous, sensory, endocrine, reproductive, and genetics. ADVISORIES: English 1A and eligibility for Mathematics 201. (A, CSU-GE, UC, I)</td>
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<th>Hybrid Class Offering(s)</th>
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<td>WEB</td>
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<tr>
<td>CCC WEB</td>
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<tr>
<td>R.PARKIN</td>
</tr>
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</table>

| and                      | T     | 3:30pm-6:20    | AC2 285       | R.PARKIN |

(This hybrid class is online for all lecture content between 8/9 - 12/10. Face-to-face labs are required on a weekly basis on Tuesdays from 3:30 p.m. to 6:20 p.m. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

| BIOL 5-81038                    |
| WEB                             |
| WEB                             |
| CCC WEB                         |
| F.JONES                         |

| and                      | W     | 7:00pm-9:50    | AC2 285       | F.JONES |

<p>| 51 |</p>
<table>
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<th>Section Number</th>
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<th>Building/Room</th>
<th>Instructor</th>
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<td>CCC WEB</td>
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<td>and</td>
<td>WEB</td>
<td>CCC WEB</td>
<td>R.PARKIN</td>
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<tr>
<td>(This hybrid class is online for all lecture content between 8/9 - 12/10. Face-to-face labs are required on a weekly basis on Wednesdays from 7:00 p.m. to 9:50 p.m. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)</td>
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<td>CCC WEB</td>
<td>K.WALTERS</td>
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<tr>
<td>and</td>
<td>S</td>
<td>8:00am-11:05</td>
<td>AC2 285</td>
<td>K.WALTERS</td>
</tr>
<tr>
<td>(This hybrid class is online for all lecture content between 8/9 - 12/10. Face-to-face labs are required on a weekly basis on Thursdays from 3:30 pm. to 6:35 p.m. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)</td>
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<tr>
<td>BIOL 5-81045</td>
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<td>WEB</td>
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<td>A.MOHAN</td>
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<td>11:15am-2:20</td>
<td>AC2 285</td>
<td>A.MOHAN</td>
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<tr>
<td>(This hybrid class is online for all lecture content between 8/9 - 12/10. Face-to-face labs are required on a weekly basis on Saturdays from 8:00 a.m. to 11:05 a.m. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)</td>
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<td>BIOL 5-81046</td>
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<td>and</td>
<td>Th</td>
<td>11:30am-2:35</td>
<td>AC2 281</td>
<td>STAFF</td>
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<tr>
<td>(This hybrid class is online for all lecture content between 8/9 - 12/10. Face-to-face labs are required on a weekly basis on Fridays from 11:30 a.m. to 2:20 p.m. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)</td>
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**BIOL 10  Intro to Life Science Lecture (3 Units)**

This lecture course is recommended for the non-biological science and pre-education majors. This is an introductory course using biological concepts. The organismal structure, function, inheritance, evolution, and ecology are covered. Field trips may be required. Not open to students with credit in Biology 3.

ADVISORIES: Eligibility for English 1A. (A, CSU-GE, UC, I)

**Online Class Offering(s)**

BIOL 10-81161 WEB WEB WEB J.HENDRIXSON

(This is a 100% online class. Students that are enrolled must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course. Please contact instructor at jan.hendrixson@cloviscollege.edu for more information. BIOL 10 does not include a laboratory. The laboratory is offered separately as BIOL 10L. Please see a counselor if you have any questions. This course is not open to students with credit in Biology 3.)

**BIOL 10L  INTRO LIFE SCI LAB (1 Units)**

This lab course is recommended for the non-biological science and pre-education majors. This is an introductory course using biological concepts. The cellular and organismal structure, function, inheritance, evolution, and ecology are covered. Field trips may be required. Not open to students with credit in Biology 3.

COREQUISITE: Biology 10. ADVISORIES: Eligibility for English 1A. (A,CSU-GE, UC, I)

**Full Term Class Offering(s)**

BIOL 10L-81761 M 7:00pm-10:05 AC2 281 J.HENDRIXSON

This is a face-to-face lab course.
BIOL 11A  Biol-Sci Majors I (5 Units)
In the first course of a two semester sequence of general biology for science majors, students will study the chemistry of life, cellular structure, cellular metabolism- including photosynthesis, aerobic and anaerobic respiration, cellular communication, cellular division and its regulation, Mendelian genetics, biotechnology, and evolution. This course is intended for Science Majors and pre-medical, pre-veterinarian, pre-dental, pre-optometry, and pre-pharmacy majors. PREREQUISITES: Chemistry 1A and Mathematics 103. ADVISORIES: Eligibility for English 1A, Biology 3 or high school Biology. (A, CSU-GE, UC, I) (C-ID BIOL 190)

Hybrid Class Offering(s)
BIOL 11A-81000 WEB WEB CCC WEB S.COFFMAN
and M 9:45am-12:50 AC2 277 S.COFFMAN
(This hybrid class is online for all lecture content between 8/9 - 12/10. Face-to-face labs are required on a weekly basis on Mondays 9:45 a.m. to 12:50 p.m. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

BIOL 11A-81001 WEB WEB CCC WEB S.COFFMAN
and W 9:45am-12:35 AC2 277 S.COFFMAN
(This hybrid class is online for all lecture content between 8/9 - 12/10. Face-to-face labs are required on a weekly basis on Wednesdays 9:45 a.m. to 12:35 p.m.. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

BIOL 11B  BIOL-SCI MAJORS II (5 Units)
This course is the second course of a two-semester sequence of general biology for science majors. Students will study the origins of life, the evolutionary history of biodiversity, plant form and function, animal form and function, and ecology. This course is intended for science majors and pre-medical, pre-veterinarian, pre-dental, pre-optometry, and pre-pharmacy majors. PREREQUISITES: Biology 11A and Mathematics 103. ADVISORIES: Eligibility for English 1A. (A, CSU-GE, UC, I) (C-ID BIOL 140)

Hybrid Class Offering(s)
BIOL 11B-81002 WEB WEB CCC WEB R.NEARN
and T 8:00am-10:50 AC2 281R.NEARN
(This hybrid class is online for all lecture content between 8/9 - 12/10. Face-to-face labs are required on a weekly basis on Tuesdays 8:00 a.m. to 10:50 a.m. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

BIOL 11B-81003 WEB WEB CCC WEB R.NEARN
and Th 7:45am-10:50 AC2 281 R.NEARN
(This hybrid class is online for all lecture content between 8/9 - 12/10. Face-to-face labs are required on a weekly basis on Thursdays 7:45 a.m. to 10:50 a.m.. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

BIOL 12  Research in Biology (3 Units)
Students actively engage in the scientific process of inquiry, data analysis, hypothesis development, and quantitative reasoning. Students engage in scientific research and experience the interdisciplinary nature of biotechnology and science. Students also develop information literacy as they develop a capstone project. ADVISORIES: English 1A and Biology 11A. (A, CSU)

Full Term Class Offering(s)
BIOL 12-81760 TTh 3:00pm-3:50 AC2 284 R.ALCAZAR
and TTh 4:00pm-5:20 AC2 284 R.ALCAZAR
Biol 20  Human Anatomy (4 Units)

This is a course providing a basic understanding and working knowledge of the human body with emphasis on the structure of each major system. The interrelationship between human systems and the relationships between the structure and functions of each system will be studied at several levels: cellular, tissue, organ, system, and organismal. Prerequisites: Biology 5 or Biology 11A or Biology 25. Advisories: Eligibility for English 1A and eligibility for Mathematics 201. (A, CSU-GE, UC, I) (C-ID BIOL 110B)

Hybrid Class Offering(s)

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<th>Instructor</th>
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<td>11:00am-2:05</td>
<td>AC2 285</td>
<td>A.HILE</td>
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<tr>
<td>BIOL 20-81005</td>
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<td>A.HILE</td>
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<td>BIOL 20-81006</td>
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<td>BIOL 20-81007</td>
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<td>AC2 285</td>
<td>A.HILE</td>
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<tr>
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<td>BIOL 20-81009</td>
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(This hybrid class is online for all lecture content between 8/9 - 12/10. Face-to-face labs are required on a weekly basis on Mondays from 11:00 a.m. to 2:05 p.m. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
BIOL 22  HUMAN PHYSIOLOGY (5 Units)
This course provides a basic understanding and working knowledge of the human body with emphasis on
the functions of each major system. The interrelationship between human systems and the relationship
between structure and function of each system will be studied at several levels (biochemical, cellular, organ
levels). PREREQUISITES: Biology 20 and Chemistry 1A or 3A. (A, CSU-GE, UC, I)(C-ID BIOL 120B)

Hybrid Class Offering(s)
BIOL 22-81013  WEB  WEB  CCC WEB  A.FALLON
and M  6:00pm-9:05  AC2 178  A.FALLON
(This hybrid class is online for all lecture content between 8/9 - 12/10. Face-to-face labs are required on a
weekly basis on Mondays from 6:00 p.m. to 9:05 p.m. Enrolled students must check their Canvas account by
the first day of the semester. Failure to do so may result in the student being dropped from the course.)
BIOL 22-81014  WEB  WEB  CCC WEB  A.FALLON
and T  6:00pm-8:50  AC2 178  A.FALLON
(This hybrid class is online for all lecture content between 8/9 - 12/10. Face-to-face labs are required on a
weekly basis on Tuesdays from 6:00 p.m. to 8:50 p.m. Enrolled students must check their Canvas account by
the first day of the semester. Failure to do so may result in the student being dropped from the course.)
BIOL 22-81015  WEB  WEB  CCC WEB  A.FALLON
and W  6:00pm-8:50  AC2 178  A.FALLON
(This hybrid class is online for all lecture content between 8/9 - 12/10. Face-to-face labs are required on a
weekly basis on Wednesdays from 6:00 p.m. to 8:50 p.m. Enrolled students must check their Canvas account
by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
BIOL 22-81017  WEB  WEB  CCC WEB  R.NEARN
and T  8:00am-10:50  AC2 178  STAFF
(This hybrid class is online for all lecture content between 8/9 - 12/1. Face-to-face labs are required on a
weekly basis on Tuesdays from 8:00 a.m. to 10:50 a.m. Enrolled students must check their Canvas account
by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
BIOL 22-81018  WEB  WEB  CCC WEB  R.NEARN
and W  7:45am-10:35  AC2 178  R.NEARN
(This hybrid class is online for all lecture content between 8/9 - 12/10. Face-to-face labs are required on a
weekly basis on Wednesdays from 7:45 a.m. to 10:35 a.m. Enrolled students must check their Canvas account
by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
BIOL 22-81019  WEB  WEB  CCC WEB  R.NEARN
and Th  7:45am-10:50  AC2 178  STAFF
(This hybrid class is online for all lecture content between 8/9 - 12/10. Face-to-face labs are required on a
weekly basis on Thursdays from 7:45 a.m. to 10:50 a.m. Enrolled students must check their Canvas account
by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

BIOL 25  Intro to Anatomy and Physiology (4 Units)
This course is a one-semester introductory human anatomy and physiology course that examines
the structural organization and physiological processes of the human body, from the cellular to organ-system
level. The gross and microscopic structure of the integumentary, skeletal, muscular, nervous, sensory,
endocrine, cardiovascular, lymphatic, respiratory, digestive, excretory, and reproductive systems will be
covered.. This course is designed for students in the allied health sciences or pre-health majors. This is a pre-
requisite course for the two semester sequence of anatomy and physiology courses for nursing/kinesiology
and pre-health majors and may fulfill the anatomy and physiology requirement for some allied health
certificates. This can also be taken as a general education life science course as it is a transferable course.
This course is not advised for student who have taken Biology 5, Human Biology. ADVISORIES: Eligibility for English 1A and eligibility for Mathematics 201. (A,

**Hybrid Class Offering(s)**

<table>
<thead>
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<th>Course Code</th>
<th>Days</th>
<th>Times</th>
<th>Building/Room</th>
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<td>WEB</td>
<td>CCC WEB</td>
<td>M.NORIEGA</td>
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<tr>
<td>and</td>
<td>M</td>
<td>7:30am-10:35</td>
<td>AC2 281</td>
<td>M.NORIEGA</td>
</tr>
</tbody>
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(This hybrid class is online for all lecture content between 8/9 - 12/10. Face-to-face labs are required on a weekly basis on Mondays from 7:30 a.m. to 10:20 a.m. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Days</th>
<th>Times</th>
<th>Building/Room</th>
<th>Instructor</th>
</tr>
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<tbody>
<tr>
<td>BIOL 25-81759</td>
<td>WEB</td>
<td>WEB</td>
<td>CCC WEB</td>
<td>M.NORIEGA</td>
</tr>
<tr>
<td>and</td>
<td>W</td>
<td>7:30am-10:20</td>
<td>AC2 281</td>
<td>M.NORIEGA</td>
</tr>
</tbody>
</table>

(This hybrid class is online for all lecture content between 8/9 - 12/10. Face-to-face labs are required on a weekly basis on Wednesdays from 7:30 a.m. to 10:20 a.m. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

**BIOL 31  MICROBIOLOGY (5 Units)**

This course provides an introduction to the structure, metabolism and ecology of microorganisms with special emphasis on microbe-related human diseases. This course is designed to introduce the student to a variety of topics in the area of microbiology. The text, lab manuals, and lectures are geared to students in biological, medical, physical education and health-oriented programs. PREREQUISITES: Biology 5 or 11A and Chemistry 3A or 1A. ADVISORIES: Eligibility for English 125, English 126, and Mathematics 201. (A,CSU-GE, UC, I)

**Hybrid Class Offering(s)**

<table>
<thead>
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<th>Building/Room</th>
<th>Instructor</th>
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</thead>
<tbody>
<tr>
<td>BIOL 31-81032</td>
<td>TTh</td>
<td>3:30pm-4:45</td>
<td>CCC WEB</td>
<td>J.RUTLEDGE</td>
</tr>
<tr>
<td>and</td>
<td>TTh</td>
<td>7:00am-10:05</td>
<td>AC2 277</td>
<td>J.RUTLEDGE</td>
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</table>

(This hybrid class is online for all lecture content between 8/9 - 12/10. Face-to-face labs are required on a weekly basis at the times listed. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

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<tr>
<td>BIOL 31-81033</td>
<td>TTh</td>
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<tr>
<td>and</td>
<td>TTh</td>
<td>10:30am-1:35</td>
<td>AC2 277</td>
<td>J.RUTLEDGE</td>
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(This hybrid class is online for all lecture content between 8/9 - 12/10. Face-to-face labs are required on a weekly basis at the times listed. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

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<td>CCC WEB</td>
<td>J.RUTLEDGE</td>
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<tr>
<td>and</td>
<td>TTh</td>
<td>5:00pm-8:05</td>
<td>AC2 277</td>
<td>J.RUTLEDGE</td>
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(This hybrid class is online for all lecture content between 8/9 - 12/10. Face-to-face labs are required on a weekly basis at the times listed. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

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<td>3:30pm-4:45</td>
<td>CCC WEB</td>
<td>J.RUTLEDGE</td>
</tr>
<tr>
<td>and</td>
<td>MW</td>
<td>3:00pm-6:05</td>
<td>AC2 277</td>
<td>J.RUTLEDGE</td>
</tr>
</tbody>
</table>

(This hybrid class is online for all lecture content between 8/9 - 12/10. Face-to-face labs are required on a weekly basis at the times listed. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

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<tbody>
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<td>3:30pm-4:45</td>
<td>CCC WEB</td>
<td>J.RUTLEDGE</td>
</tr>
<tr>
<td>and</td>
<td>MW</td>
<td>7:00pm-10:05</td>
<td>AC2 277</td>
<td>J.RUTLEDGE</td>
</tr>
</tbody>
</table>
(This hybrid class is online for all lecture content between 8/9 - 12/10. Face-to-face labs are required on a weekly basis at the times listed. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

**BUSINESS ADMINISTRATION**

**BA 5  Business Communication (3 Units)**
This course teaches students how to prepare business letters, reports, memos, and oral presentations used in a business environment. The course emphasizes document organization, using correct grammar, writing to the desired audience, and creating appropriate tone. ADVISORY: Eligibility for English 1A. (A, CSU)

**Online Class Offering(s)**
BA 5-81692 WEB WEB WEB WEB C.CUNHA
(Dual Enrollment. This is a 100% online class. Students that are enrolled must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

**BA 10  Intro to Business (3 Units)**
This course provides a multidisciplinary examination of how culture, society, economic systems, legal, international, political, financial institutions, and human behavior interact to affect a business organization's policy and practices within the U.S. and a global society. The course focuses on how these influences impact the primary areas of business including: organizational structure and design leadership, human resource management, organized labor practices marketing organizational communication technology entrepreneurship legal, accounting, financial practices the stock and securities market and therefore affect a business' ability to achieve its organizational goals. ADVISORIES: Eligibility for English 1A and Mathematics 201. (A, CSU, UC) (C-ID BUS 110)

**Online Class Offering(s)**
BA 10-81677 WEB WEB WEB WEB M.ALANIS
(This is a 100% online class. Students that are enrolled must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
BA 10-81678 WEB WEB WEB WEB T.APPARCEL
(This is a 100% online class. Students that are enrolled must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
BA 10-81679 WEB WEB WEB WEB M.ALANIS
Meets from 08/09 to 10/08 (This is a 100% online class. Students that are enrolled must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
BA 10-81680 WEB WEB WEB WEB M.ALANIS
Meets from 10/11 to 12/10 (This is a 100% online class. Students that are enrolled must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

**BA 18  BUS & LEGAL ENV (4 Units)**
This course provides students with an introduction to the legal system, including topics such as sources of law, ethics in law, criminal law, tort law, contract law, agency, business structures, and international law with a major emphasis on contracts. The course requires case study discussions and written briefs. ADVISORIES: Eligibility for English 1A. (A, CSU, UC) (C-ID BUS 120)(C-ID BUS 125)

**Online Class Offering(s)**
BA 18-81681 WEB WEB WEB WEB STAFF
(This is a 100% online class. Students that are enrolled must check their Canvas account by the first day of
the semester. Failure to do so may result in the student being dropped from the course.)

BA 18-81682 WEB WEB WEB STAFF
(This is a 100% online class. Students that are enrolled must check their Canvas account by the first day of
the semester. Failure to do so may result in the student being dropped from the course.)

BA 19 -Coop Wk Exper, Bus (1-8 Units)
This course provides supervised employment, directly related to student's major in information systems or
business. Students may enroll for a maximum of 8 units per semester. Students may earn a total of 16 units
in work experience of which only 6 may be in COTR-19G. Students earn units using the following formula: for
paid work, 75 hours = 1 unit for volunteer work, 60 hours =1 unit. Note: Repetition of Cooperative Work
Experience courses is allowable under Title 5, §55253. (A, CSU)

Online Class Offering(s)
BA 19V-81763 WEB WEB WEB C.HOLDEN
Students are required to attend one of the following online orientation meetings: Thursday, 08/12 from
5:00-6:00pm or on Wednesday, 08/18 from 5:00-6:00pm. Students that are enrolled must check their
Canvas account by the first day of class. Students must be employed to enroll in and complete the class.
Zoom meeting links will be posted in Canvas.

BA 19V-81764 WEB WEB WEB M.ITSKOFF
Meets from 10/11 to 12/10 Students are required to attend the following online orientation meetings:
Thursday, 10/14 from 5:00-6:00pm from 5:00-6:00pm. Students that are enrolled must check their Canvas
account by the first day of class. Students must be employed to enroll in and complete the class. Zoom
meeting links will be posted in Canvas.

BA 30  Personal Finance (3 Units)
This course examines the integration of personal financial management with physiological and psychological
well-being, and the life-long impact financial decisions have on individuals, families, and society. Topics
include time value of money financial planning strategies money and credit management home ownership
home, health, and auto insurance needs savings and investment strategies and retirement and estate
planning. ADVISORIES: Eligibility for English 1A, and Mathematics 201. (A, CSU)

Online Class Offering(s)
BA 30-81691 WEB WEB WEB M.ALANIS
Meets from 08/30 to 11/19 (This is a 100% online class. Students that are enrolled must check their Canvas
account by the first day of the semester. Failure to do so may result in the student being dropped from the
course.)

BA 39  Finite Math for Business (3 Units)
This course provides an introduction to finite mathematics and quantitative methods for business majors
and may be taken concurrently with STAT 7. Topics include application set theory, counting, probability,
expected value, rates of change, functions, applications and graphing, mathematics of finance, systems of
linear equations and matrices and linear programming. This course meets the business major requirements
for students transferring to Cal State University, Fresno. PREREQUISITES: Mathematics 103. ADVISORY:
Eligibility for English 1A. (A, CSU-GE, UC)

Online Class Offering(s)
BA 39-81765 WEB WEB WEB J.CASTANEDA
(This is a 100% online class. Students that are enrolled must check their Canvas account by the first day of
the semester. Failure to do so may result in the student being dropped from the course.)

BA 39-81767 WEB WEB WEB STAFF
(This is a 100% online class. Students that are enrolled must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

BA 39-81766  
TTh  
12:30pm-1:45  
WEB  
J.CASTANEDA

(This is a 100% online class. Synchronous (live) online instruction will be available during Tuesday and Thursday 12:30 - 1:45pm. Students who cannot attend the synchronous (live) lecture will be able to view a recording of the live session. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

BA 52  Intro to Entreprnrshp (3 Units)
Students in this course develop an understanding of the complex tasks faced by individuals engaged in entrepreneurial activities. This course identifies the methods for developing a business idea, the process of starting a business, and how to acquire resources. ADVISORIES: Eligibility for English 1A, and Mathematics 201. (A, CSU)

Online Class Offering(s)
BA 52-81768 WEB WEB WEB  M.ALANIS
Meets from 08/23 to 12/03 (This is a 100% online class. Students that are enrolled must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

CHEMISTRY

CHEM 1A  GEN CHEMISTRY (5 Units)
This is the first course in a two course sequence in general chemistry and is intended for students majoring in science or satisfying prerequisites for professional schools. This course covers the principles and laws of inorganic chemistry with an emphasis on quantitative, mathematical problem-solving. Topics included in the course are atoms, molecules and ions formulas and equations stoichiometry gas laws electronic structure of atoms bonding atomic orbital and molecular orbital theories solutions precipitation reactions oxidation reduction reactions introduction to acids and bases thermochemistry properties of liquids solids and crystal structures solution behavior colligative properties associated laboratory experiments and volumetric and gravimetric analysis methods. PREREQUISITES: High school chemistry with laboratory component or Chemistry 3A or 10 or equivalent, and Mathematics 103 or equivalent. ADVISORIES: English 1A. (A, CSU-GE, UC, I) (C-ID CHEM 110) (C-ID 120S: CHEM 1A & CHEM 1B)

Hybrid Class Offering(s)
CHEM 1A-81049  
MW  
8:00am-9:15  
CC WEB  
S.FLEMING
and  
MW  
9:20am-12:25  
AC2 238  
S.FLEMING

(This hybrid class is online for all lecture content between 8/9 - 12/10. Face-to-face labs are required on a weekly basis at the times listed. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

CHEM 1A-81050  
TTh  
8:00am-9:15  
CCC WEB  
S.FLEMING
and  
TTh  
9:20am-12:25  
AC2 238  
S.FLEMING

(This hybrid class is online for all lecture content between 8/9 - 12/10. Face-to-face labs are required on a weekly basis at the times listed. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

CHEM 1A-81053  
F  
8:00am-10:50  
CCC WEB  
J.ANDERSON
and  
F  
11:00am-2:05  
AC2 238  
J.ANDERSON
and  
F  
2:30pm-5:35  
AC2 238  
J.ANDERSON
<table>
<thead>
<tr>
<th>Section Number</th>
<th>Days</th>
<th>Times</th>
<th>Building/Room</th>
<th>Instructor</th>
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<tbody>
<tr>
<td>CHEM 1A-81052</td>
<td>S</td>
<td>8:00am-10:50</td>
<td>CCC WEB</td>
<td>J.ANDERSON</td>
</tr>
<tr>
<td>and</td>
<td>S</td>
<td>11:00am-2:05</td>
<td>AC2 238</td>
<td>J.ANDERSON</td>
</tr>
<tr>
<td>and</td>
<td>S</td>
<td>2:30pm-5:35</td>
<td>AC2 238</td>
<td>J.ANDERSON</td>
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(This hybrid class is online for all lecture content between 8/9 - 12/10. Face-to-face labs are required on a weekly basis at the times listed. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

<table>
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<th>Building/Room</th>
<th>Instructor</th>
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<tbody>
<tr>
<td>CHEM 1A-81047</td>
<td>MW</td>
<td>1:00pm-2:15</td>
<td>CCC WEB</td>
<td>STAFF</td>
</tr>
<tr>
<td>and</td>
<td>MW</td>
<td>2:20pm-5:25</td>
<td>AC2 238</td>
<td>STAFF</td>
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(This hybrid class is online for all lecture content between 8/9 - 12/10. Face-to-face labs are required on a weekly basis at the times listed. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

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</thead>
<tbody>
<tr>
<td>CHEM 1A-81051</td>
<td>TTh</td>
<td>1:00pm-2:15</td>
<td>CCC WEB</td>
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<tr>
<td>and</td>
<td>TTh</td>
<td>2:30pm-5:35</td>
<td>AC2 238</td>
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<tbody>
<tr>
<td>CHEM 1A-81048</td>
<td>MW</td>
<td>5:30pm-6:45</td>
<td>CCC WEB</td>
<td>L.FONG</td>
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<td>and</td>
<td>MW</td>
<td>7:00pm-10:05</td>
<td>AC2 238</td>
<td>L.FONG</td>
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<tbody>
<tr>
<td>CHEM 1A-81753</td>
<td>TTh</td>
<td>5:45pm-7:00</td>
<td>CCC WEB</td>
<td>S.KADAVAKOLLU</td>
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<tr>
<td>and</td>
<td>TTh</td>
<td>7:05pm-10:10</td>
<td>AC2 238</td>
<td>S.KADAVAKOLLU</td>
</tr>
</tbody>
</table>

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**CHEM 1B  GEN & QUAL ANAL (5 Units)**

This course completes the yearlong general chemistry sequence (1 A-1 B) and covers the principles of physical and inorganic chemistry with an emphasis on quantitative, mathematical problem solving. Topics covered include acid-base theory, chemical kinetics, equilibrium (acid-base, hydrolysis, and solubility), chemical thermodynamics, electrochemistry, selected topics in nuclear chemistry, coordination chemistry, and/or chemistry of selected groups. In this course, students analyze inorganic compounds qualitatively and quantitatively. PREREQUISITES: Chemistry 1A and Mathematics 103. ADVISORIES: English 1A. (A, CSU-GE, UC, I)(C-ID 120S: CHEM 1A & CHEM 1B)

<table>
<thead>
<tr>
<th>Hybrid Class Offering(s)</th>
<th>Days</th>
<th>Times</th>
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<th>Instructor</th>
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<tr>
<td>CHEM 1B-81546</td>
<td>FS</td>
<td>9:00am-10:15</td>
<td>CC WEB</td>
<td>STAFF</td>
</tr>
<tr>
<td>and</td>
<td>FS</td>
<td>10:30am-1:20</td>
<td>AC2 230</td>
<td>STAFF</td>
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<tbody>
<tr>
<td>CHEM 1B-81545</td>
<td>MW</td>
<td>1:00pm-2:15</td>
<td>CCC WEB</td>
<td>K.HEREDIA</td>
</tr>
<tr>
<td>and</td>
<td>MW</td>
<td>2:20pm-5:25</td>
<td>AC2 230</td>
<td>K.HEREDIA</td>
</tr>
</tbody>
</table>
CHEM 3A  INTRO GEN CHEM (4 Units)
This is a survey course in the principles of inorganic chemistry covering the composition of matter, physical and chemical changes, atomic and molecular structure, inorganic nomenclature, chemical formula and reaction calculations, gas laws, bonding, solutions, net-ionic equations, acid-base theories, pH, oxidation-reduction reactions, thermodynamics, nuclear chemistry and equilibrium. The course emphasizes problem solving and chemical calculations. Both qualitative and quantitative theory and techniques will be covered. It is intended for applied science and non-science majors or for students preparing to take Chemistry 1A.
PREREQUISITES: Mathematics 103. ADVISORIES: English 1A, Chemistry 10 or high school chemistry. (A, CSU-GE, UC, I)(C-ID CHEM 101)

Hybrid Class Offering(s)
CHEM 3A-81071 TTh 8:15am-9:30 CCC WEB D.CAO
and T 10:00am-12:50 AC2 246 D.CAO

CHEM 3A-81072 TTh 8:15am-9:30 CCC WEB D.CAO
and Th 9:40am-12:45 AC2 246 D.CAO

CHEM 3A-81068 MW 8:30am-9:45 CCC WEB D.CAO
and M 10:00am-12:50 AC2 246 D.CAO

CHEM 3A-81069 MW 8:30am-9:45 CCC WEB D.CAO
and W 10:00am-12:50 AC2 246 D.CAO

CHEM 3A-81070 F 9:00am-11:50 CCC WEB H.DHAH-POWELL
and F 12:30pm-3:20 AC2 246 H.DHAH-POWELL

CHEM 3A-81073 S 9:00am-12:05 CCC WEB R.UMAR
and S 12:30pm-3:35 AC2 246 R.UMAR

CHEM 3A-81062 MW 1:00pm-2:15 CCC WEB S.CHEN
and M 2:30pm-5:35 AC2 246 S.CHEN

(This hybrid class is online for all lecture content between 8/9 - 12/10. Face-to-face labs are required on a weekly basis at the times listed. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
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<tbody>
<tr>
<td>CHEM 3A-81063</td>
<td>MW</td>
<td>1:00pm-2:15</td>
<td>CCC WEB</td>
<td>S.CHEN</td>
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<td>and W</td>
<td>2:30pm-5:20</td>
<td>AC2 246</td>
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<td>S.CHEN</td>
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</tbody>
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<tbody>
<tr>
<td>CHEM 3A-81064</td>
<td>MW</td>
<td>5:30pm-6:45</td>
<td>CCC WEB</td>
<td>C.LOUIE</td>
</tr>
<tr>
<td>and M</td>
<td>7:00pm-10:05</td>
<td>AC2 246</td>
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<td>C.LOUIE</td>
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<td>CHEM 3A-81065</td>
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<td>and W</td>
<td>7:00pm-9:50</td>
<td>AC2 246</td>
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<td>C.LOUIE</td>
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(This hybrid class is online for all lecture content between 8/9 - 12/10. Face-to-face labs are required on a
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semester. Failure to do so may result in the student being dropped from the course.)

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(This hybrid class is online for all lecture content between 8/9 - 12/10. Face-to-face labs are required on a
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<td>CHEM 28A-81056</td>
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<td>8:30am-9:45</td>
<td>WEB</td>
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(This class requires concurrent enrollment with CHEM-29A-81703.)

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(This class requires concurrent enrollment with CHEM-29A-81701.)

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<tr>
<td>CHEM 28A-81058</td>
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<td>5:30pm-6:45</td>
<td>WEB</td>
<td>B.SHAMP</td>
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(This class requires concurrent enrollment with CHEM-29A-81702)

CHEM 28A  ORGANIC CHEM I (3 Units)
This course is a study of the structures, properties, nomenclature and reactions of organic compounds with
emphasis on reaction mechanisms. The course is recommended for students whose major is chemistry,
premedical, predental, prepharmacy, biology, biochemistry or chemical engineering. The following topics
are included: stereoisomerism, alkanes, alkenes, alkynes, alkyl halides, alcohols, amines, ethers, epoxides,
aromatics, and organometallic compounds, resonance and conjugation, kinetic and thermodynamic control
of reactions, multistep syntheses, infrared spectroscopy, nuclear magnetic spectroscopy, and mass
spectroscopy. PREREQUISITES: Chemistry 1B. ADVISORIES: English 1A. (A, CSU-GE, UC, I)(C-ID CHEM 150:
CHEM 28A & CHEM 29A) (C-ID CHEM 160S: CHEM-28A, CHEM-28B, CHEM-29A, and CHEM-29B)

Online Class Offering(s)

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(This class requires concurrent enrollment with CHEM-29A-81703.)

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(This class requires concurrent enrollment with CHEM-29A-81701.)

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<tr>
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<td>5:30pm-6:45</td>
<td>WEB</td>
<td>B.SHAMP</td>
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(This class requires concurrent enrollment with CHEM-29A-81702)
CHEM 28B  ORGANIC CHEM II (3 Units)
This is the second semester in a year-long course in organic chemistry designed for students majoring in chemistry and related disciplines, such as premedical, prepharmacy, predental, biology, biochemistry or chemical engineering. It covers the study of several groups of compounds in organic chemistry including aromatic compounds, benzene derivatives, carbonyl compounds, amines, amino acids, lipids, and nucleic acids. Each group is analyzed in terms of their structure, physical properties, nomenclature, reactions and reaction mechanisms. Also included are the oxidation-reduction of organic functional groups and protecting groups in multistep syntheses. PREREQUISITES: Chemistry 28A. ADVISORIES: English 1A. (A, CSU-GE,UC,I) (C-ID CHEM 160S: CHEM-28A, CHEM-28B, CHEM-29A, and CHEM-29B)

Online Class Offering(s)
CHEM 28B-81754  TTh  5:30pm-6:45  WEB  B.SHAMP
(This class requires concurrent enrollment with CHEM-29A-81755.)

CHEM 29A  Organic Chem Lab I (2 Units)
This course provides a study of the properties and reactions of organic compounds such as alkenes, alkyl halides, alcohols and acids. Students perform qualitative experiments with acetylene, alkenes and various alcohols and work hands on with a melting point apparatus and refractometer. In addition, an introduction is provided on how to use a gas chromatograph and an infrared spectrophotometer (FTIR). Analyses of IR, NMR and MS spectra are also covered in this course. COREQUISITE: Chemistry 28A. ADVISORY: English 1A. (A, CSU, GE-UC, I) (C-ID CHEM 150: CHEM 28A AND CHEM-29A) (C-ID CHEM 160S: CHEM-28A, CHEM-28B, CHEM-29A, and CHEM-29B)

Full Term Class Offering(s)
CHEM 29A-81703  MW  9:50am-12:40  AC2 230  A.DANOWITZ
(This class requires concurrent enrollment with CHEM-28A-81056.)
CHEM 29A-81701  TTh  2:30pm-5:20  AC2 230  A.DANOWITZ
(This class requires concurrent enrollment with CHEM-28A-81057.)
CHEM 29A-81702  MW  7:00pm-9:50  AC2 230  B.SHAMP
(This class requires concurrent enrollment with CHEM-28A-81058.)

CHEM 29B  Organic Chemistry Lab II (2 Units)
This course provides a study of the properties and reactions of organic compounds such as esters, aldehydes, ketones and aromatics. Students work hands on with instruments such as a melting point apparatus, a refractometer, a polarimeter, a gas chromatograph, an infrared spectrometer and a nuclear magnetic resonance spectrometer. PREREQUISITE: Chemistry 29A. COREQUISITES: Chemistry 28B. ADVISORIES: English 1A. (A, CSU-GE, UC, I) (C-ID CHEM 160S: CHEM-28A, CHEM-28B, CHEM-29A, and CHEM-29B)

Full Term Class Offering(s)
CHEM 29B-81755  TTh  7:00pm-9:50  AC2 230  B.SHAMP
(This class requires concurrent enrollment with CHEM-28A-81754.)

CHILD DEVELOPMENT – Please see Early Childhood Education.
COMMUNICATION

COMM 1  PUBLIC SPEAKING (3 Units)
Fundamentals of public speaking utilizing theories and techniques of communication to enhance public speaking skills. Particular emphasis is on the organization and criticism of public discourse. This is achieved through research, reasoning, presentations, and the evaluation of various types of speeches which include informative and persuasive speeches. ADVISORIES: Eligibility for English 1A or 1AH. (A, CSU, CSU-GE, UC, I) (C-ID COMM 110)

Full Term Class Offering(s)
COMM 1-81908 TTh 9:30am-10:45 AC1 181 H.WINIGER
(This is an in-person course. Safety guidelines permitting, on-campus face-to-face classes will take place as indicated in the schedule information for this section. If this course is required to return to an online format, students must have the necessary equipment and internet connectivity to attend synchronous [live] online class sessions. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

Online Class Offering(s)
COMM 1-81211 WEB WEB WEB WEB C.WELLS
(This is a 100% online class. Students will be required to attend some synchronous (live) online sessions on MWF, 11:00-11:50am between 8/9 - 12/10. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
COMM 1-81213 WEB WEB WEB WEB R.SIAGAN
(This is a 100% online class. Students will be required to attend some synchronous (live) online sessions on W, 6:00-8:50pm between 8/9 - 12/10. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
COMM 1-81214 WEB WEB WEB WEB STAFF
(This is a 100% online class. Students will be required to attend some synchronous (live) online sessions on TTH, 12:30-1:45pm between 8/9 - 12/10. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
COMM 1-81215 WEB WEB WEB WEB G.GOMEZ
(This is a 100% online class. Students will be required to attend some synchronous (live) online sessions on TTH, 3:30-4:45pm between 8/9 - 12/10. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
COMM 1-81216 WEB WEB WEB WEB G.GOMEZ
(This is a 100% online class. Students will be required to attend some synchronous (live) online sessions on TTH, 2:00-3:15pm between 8/9 - 12/10. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
COMM 1-81218 WEB WEB WEB WEB STAFF
(This is a 100% online class. Students will be required to attend some synchronous (live) online sessions on MWF, 1:00-1:50pm between 8/9 - 12/10. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
COMM 1-81219 WEB WEB WEB WEB S.PICHARDO
(This is a 100% online class. Students will be required to attend some synchronous (live) online sessions on M, 6:00-8:50pm between 8/9 - 12/10. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
COMM 1-81220 WEB WEB WEB WEB J.TANG
(This is a 100% online class. Students will be required to attend some synchronous (live) online sessions on MWF, 9:00-9:50am between 8/9 - 12/10. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

COMM 1-81221  WEB  WEB  WEB  STAFF

(This is a 100% online class. Students will be required to attend some synchronous (live) online sessions on MWF, 9:00-9:15am between 8/9 - 12/10. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

COMM 1-81471  WEB  WEB  WEB  J.TANG

(This is a 100% online class. Students will be required to attend some synchronous (live) online sessions on TTH, 8:00-9:15am between 8/9 - 12/10. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

COMM 1-81508  WEB  WEB  WEB  STAFF

(This is a 100% online class. Students will be required to attend some synchronous (live) online sessions on MW, 11:30-12:45pm between 8/9 - 12/10. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

COMM 1-81509  WEB  WEB  WEB  STAFF

(This is a 100% online class. Students will be required to attend some synchronous (live) online sessions on T, 10:30-11:50am between 8/9 - 12/10. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

COMM 1-81510  WEB  WEB  WEB  A.COCKERHAM

(This is a 100% online class. Students will be required to attend some synchronous (live) online sessions on MW, 4:30-5:55pm between 8/9 - 12/10. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

COMM 1-81212  MW  3:30pm-4:45  WEB  A.MARTINEZ

(Meets from 08/09 to 10/08 (This is a 100% online class. This class is scheduled to meet for 9 weeks, 8/9/21-10/8/21. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

COMM 1-81222  WEB  WEB  WEB  C.WELLS

COMM 1H  HON PUB SPEAK (3 Units)
Fundamentals of public speaking utilizing theories and techniques of communication to enhance public speaking skills. Particular emphasis is on the organization and criticism of public discourse. This is achieved through research, reasoning, presentations, and evaluation of various types of speeches which include informative and persuasive. As an Honor's section, this class employs enhanced methods such as the use of advocacy and debate in addition to exploring prominent speakers and the analysis of famous speeches.

ADVISORIES: Eligibility for English 1AH or 1AH. (A, CSU, CSU-GE, UC, I)(C-ID COMM 110)

Online Class Offering(s)
COMM 1H-*****  WEB  WEB  WEB  A.MARTINEZ
COMM 1H-*****  WEB  WEB  WEB  A.MARTINEZ

(Advisory: This class is reserved for students who have been accepted into the Honors Program. Interested students are encouraged to contact Tasha Hutchings at [559] 325-5304. This is a 100% online class. Students will be required to attend some synchronous (live) online sessions on TTH, 12:30-1:45pm between 8/9 - 12/10. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
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**COMM 2  INTERPERSON COM (3 Units)**

Interpersonal communication is designed to increase understanding and implementation of effective interpersonal communication behaviors and skills. This course examines basic practical everyday communicative interaction, emphasizing behavioral aspects of interpersonal communication, self-concept, perception, listening, non-verbal communication, conflict, language, gender, and cultural differences. Students engage in both paired/group communication and the development of oral presentations.

ADVISORIES: Eligibility for English 1A or 1AH. (A, CSU-GE, UC) (C-ID COMM 130)

### Full Term Class Offering(s)

- **COMM 2-81230 TTh 11:30am-12:45 AC1 181 H.WINIGER**
  (This is an in-person course. Safety guidelines permitting, on-campus face-to-face classes will take place as indicated in the schedule information for this section. If this course is required to return to an online format, students must have the necessary equipment and internet connectivity to attend synchronous [live] online class sessions. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

### Online Class Offering(s)

- **COMM 2-81227 WEB WEB WEB P.HUMPHREY**
  (This is a 100% online class. Students will be required to attend some synchronous (live) online sessions on TH, 6:00-9:05pm between 8/9 - 12/10. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

- **COMM 2-81229 WEB WEB WEB P.HUMPHREY**
  (This is a 100% online class. Students will be required to attend some synchronous (live) online sessions on T, 6:00-8:50pm between 8/9 - 12/10. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

- **COMM 2-81231 WEB WEB WEB D.CAVALLERO**
  (This is a 100% online class. Students will be required to attend some synchronous (live) online sessions on MW, 8:30-9:45am between 8/9 - 12/10. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

- **COMM 2-81473 WEB WEB WEB D.CAVALLERO**
  (This is a 100% online class. Students will be required to attend some synchronous (live) online sessions on W, 9:30-10:50am between 8/9 - 12/10. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
COMM 4  PERSUASION (3 Units)
An introduction to the study and practice of persuasive discourse. This course is designed to examine historical and contemporary approaches to persuasive messages throughout time. The course covers both theory and application of persuasive techniques in personal and professional communication. Opportunities are provided for students to present and analyze persuasive materials orally and in writing as a way of developing communication and critical abilities. ADVISORIES: Eligibility for English 1A or 1AH. (A, CSU, CSU-GE, UC, I)(C-ID COMM 190)

Online Class Offering(s)
COMM 4-81235 WEB WEB WEB STAFF
(This is a 100% online class. Students will be required to attend some synchronous (live) online sessions on TTH, 11:00-12:15pm between 8/9 - 12/10. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

COMM 8  GROUP COMMUNICATN (3 Units)
Group Communication introduces students to how communication can be used as a vehicle for solving problems and making decisions imperative to successful social and professional interaction. Students develop a conceptual understanding of small group principles and contexts, putting this knowledge into action through a variety of experiential activities. Students study and practice theories, behaviors, and the process of group interactions. Students construct and deliver informative and persuasive public presentations. ADVISORIES: Eligibility for English 1A or 1AH. (A, CSU, CSU-GE, UC, I)(C-ID COMM 140)

Online Class Offering(s)
COMM 8-81236 WEB WEB WEB H.WINIGER
(This is a 100% online class. Students will be required to attend some synchronous (live) online sessions on TTH, 2:00-3:15pm between 8/9 - 12/10. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
COMM 8-81237 WEB WEB WEB D.CAVALLERO
(This is a 100% online class. Students will be required to attend some synchronous (live) online sessions on MW, 2:00-3:15pm between 8/9 - 12/10. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
COMM 8-81238 WEB WEB WEB STAFF
(This is a 100% online class. Students will be required to attend some synchronous (live) online sessions on MW, 8:00-9:15am between 8/9 - 12/10. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
COMM 8-81474 WEB WEB WEB STAFF
(This is a 100% online class. Students will be required to attend some synchronous (live) online sessions on MW, 10:00-11:15am between 8/9 - 12/10. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

COMM 10  INTERCULTRL COMM (3 Units)
Intercultural Communication introduces students to the cultural variables and factors in the communication process. Emphasis is given to communicating effectively in diverse social and professional environments. Focus is also given to the analysis and comparisons of message perception, verbal and nonverbal communication, communication climates and language interpretation in interactions between people from different cultures. Activities are designed to develop communication skills that improve competence in intercultural situations. ADVISORIES: English 1A or 1AH. (A, CSU, CSU-GE, UC, I) (C-ID COMM 150)
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<td>C.WELLS</td>
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</table>
| (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
| COMM 10-81825 | WEB  | WEB  | WEB           | C.WELLS    |
| (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

**COMM 12  Oral Interp of Lit (3 Units)**
The interpretation of literature through critical analysis and oral performance of selected works including but not limited to: poetry, fiction, essays, drama, and children's literature. This includes both individual and pair/group performances. ADVISORIES: Eligibility for English 1A or 1AH. (A, CSU, CSU-GE)(C-ID COMM 170)

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| (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
| COMM 12-81826 | WEB  | WEB  | WEB           | A.MARTINEZ |
| (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

**COMM 25  ARGUMENTATION (3 Units)**
Argumentation is designed to provide students with the methods of critical inquiry and advocacy. Emphasis is placed on analysis, presentation, and evaluation of oral and written argumentation. This course focuses on identifying fallacies, testing evidence, and advancing a reasoned position while defending and refuting arguments. Students write a minimum of 6,000 words during the course of the semester. PREREQUISITES: Completion of English 1A or English 1AH. (A, CSU, CSU-GE, UC, I) (C-ID

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<td>COMM 25-81233</td>
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| (This is a 100% online class. Students will be required to attend some synchronous (live) online sessions on MW, 12:30-1:45pm between 8/9 - 12/10. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
| COMM 25-81234 | WEB  | WEB  | WEB           | C.WELLS    |
| (This is a 100% online class. Students will be required to attend some synchronous (live) online sessions on TTH, 9:30-10:45am between 8/9 - 12/10. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
| COMM 25-81921 | WEB  | WEB  | WEB           | C.WELLS    |
| Meets from 10/11 to 12/10 (This is a 100% online class. This class is scheduled to meet for 9 weeks. Students will be required to attend some synchronous (live) online sessions on W, 1-4:00pm between 10/11 - 12/10. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

68
COMPUTER SCIENCE

CSCI 1  Crit Thinking and Comp Sci (3 Units)
This class is an overview of the field of computer science with an emphasis on logic and critical thinking skills. The history of computing and issues arising from the growing role of computers in society are discussed in a Socratic fashion. The relevance of topics in computer science to all fields is emphasized, including abstraction, design, recursion, concurrency, divide and conquer, and the limitations of computers. Students are given a friendly introduction to programming that will prepare them for success in CSCI 40 or in their respective fields. PREREQUISITE: MATH-103, Intermediate Algebra. ADVISORY: Eligibility for English 1A. (A, CSU, UC, CSU-GE)

Online Class Offering(s)
CSCI 1-81074 MW 4:00pm-5:15 WEB L.NICHOLS
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

CSCI 26  MATH FOR COMPSCI (4 Units)
This course studies elements of discrete mathematics which have applications to computer science. Topics include sets, propositional and predicate logic, relations and functions, proof techniques, graph, trees, and discrete probability. PREREQUISITES: Computer Science 41. ADVISORIES: Eligibility for English 1A. (A, CSU-GE, UC, I)(C-ID COMP 152)

Online Class Offering(s)
CSCI 26-81075 TTh 10:00am-11:50 WEB W.KERNEY
and T 12:00pm-12:50 CCC WEB W.KERNEY
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

CSCI 40  PROG CONCEPTS I (4 Units)
This course introduces problem solving, algorithm development, procedural and data abstraction using C++ language program design, coding, debugging, testing, and documentation. PREREQUISITES: Mathematics 4A or equivalent. ADVISORIES: Eligibility for English 1A. (A, CSU,UC) (C-ID COMP 112) (C-ID COMP 122)

Online Class Offering(s)
CSCI 40-81076 MWF 12:00pm-1:10 WEB W.KERNEY
and F 1:15pm-2:05 CCC WEB W.KERNEY
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
CSCI 40-81077 MWF 1:30pm-2:40 WEB W.KERNEY
and F 2:45pm-3:35 CCC WEB W.KERNEY
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
CSCI 40-81078 T 6:00pm-7:15 WEB L.NICHOLS
and Th 6:00pm-8:25 CCC WEB L.NICHOLS
and T 7:20pm-8:10 CCC WEB L.NICHOLS
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
CSCI 41  PROG CONCEPTS II (4 Units)
This course introduces object-oriented design concepts, recursion, manual and automatic memory management implementation of data structures including linked lists, stacks, queues, binary search trees, heaps, and hash tables insertion, searching, and deletion. C++ language is used. PREREQUISITES: Computer Science 40 or Engineering 40. ADVISORIES: Eligibility for English 1A. (A, CSU, UC)(C-ID COMP 132)

Online Class Offering(s)
CSCI 41-81079  T  4:00pm-5:15  WEB  L.NICHOLS
and
Th  4:00pm-6:15  CCC WEB  L.NICHOLS
and
T  5:20pm-6:10  CCC WEB  L.NICHOLS
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

CSCI 45  COMPUTER ORG (4 Units)
This course introduces functional organization of digital computers and low level programming internal representation of data, binary arithmetic, machine instructions, addressing modes, subroutine linkage, macros and interrupts, Assembly language programming. PREREQUISITES: Computer Science 41. ADVISORY: Eligibility for English 1A. (A, CSU, UC) (C-ID COMP 142)

Online Class Offering(s)
CSCI 45-81752  MW  5:30pm-7:20  WEB  L.NICHOLS
and
TBA  TBA  CCC WEB  L.NICHOLS
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

COOPERATIVE WORK EXPERIENCE
COTR 19G  COOP TRN GENERAL (1-6 Units)
Supervised employment, not directly related to the student's major. Students may enroll for a maximum of 6 units per semester. Students earn units using the following formula: for paid work, 75 hours = 1 unit for volunteer work, 60 hours = 1 unit. Note: Repetition of Cooperative Work Experience courses is allowable under Title 5, §55253. (A, CSU)

Online Class Offering(s)
COTR 19G-81575  WEB  WEB  WEB  T.BEDWELL
Students are required to attend one of the following online orientation meetings: Thursday, 08/12 from 5:00-6:00pm or on Wednesday, 08/18 from 5:00-6:00pm. Students that are enrolled must check their Canvas account by the first day of class. Students must be employed to enroll in and complete the class. Zoom meeting links will be posted in Canvas.
COTR 19G-81580  WEB  WEB  WEB  M.BERRY
Students are required to attend one of the following online orientation meetings: Thursday, 08/12 from 5:00-6:00pm or on Wednesday, 08/18 from 5:00-6:00pm. Students that are enrolled must check their Canvas account by the first day of class. Students must be employed to enroll in and complete the class. Zoom meeting links will be posted in Canvas.
COTR 19G-81583  WEB  WEB  WEB  M.BERRY
Students are required to attend one of the following online orientation meetings: Thursday, 08/12 from 5:00-6:00pm or on Wednesday, 08/18 from 5:00-6:00pm. Students that are enrolled must check their Canvas account by the first day of class. Students must be employed to enroll in and complete the class. Zoom meeting links will be posted in Canvas.
COTR 19G-81584  WEB  WEB  WEB  C.HOLDEN
Students are required to attend one of the following online orientation meetings: Thursday, 08/12 from 5:00-6:00pm or on Wednesday, 08/18 from 5:00-6:00pm. Students that are enrolled must check their Canvas account by the first day of class. Students must be employed to enroll in and complete the class. Zoom meeting links will be posted in Canvas.

COTR 19G-81585 WEB WEB WEB WEB B.NABORS
Meets from 10/11 to 12/10 Students are required to attend the following online orientation meeting: Thursday, 10/14 from 5:00-6:00pm from 5:00-6:00pm. Students that are enrolled must check their Canvas account by the first day of class. Students must be employed to enroll in and complete the class. Zoom meeting links will be posted in Canvas.

**COTR 19V Coop Wk Exper, Bus (1-8 Units)**
Supervised employment, not directly related to the student's major. Students may enroll for a maximum of 6 units per semester. Students earn units using the following formula: for paid work, 75 hours = 1 unit for volunteer work, 60 hours = 1 unit. Note: Repetition of Cooperative Work Experience courses is allowable under Title 5, §55253. (A, CSU)

**Online Class Offering(s)**
COTR 19V-81803 WEB WEB WEB WEB M.BERRY
Students are required to attend one of the following online orientation meetings: Thursday, 08/12 from 5:00-6:00pm or on Wednesday, 08/18 from 5:00-6:00pm. Students that are enrolled must check their Canvas account by the first day of class. Students must be employed to enroll in and complete the class. Zoom meeting links will be posted in Canvas.

COTR 19V-81804 WEB WEB WEB WEB T.BEDWELL
Students are required to attend one of the following online orientation meetings: Thursday, 08/12 from 5:00-6:00pm or on Wednesday, 08/18 from 5:00-6:00pm. Students that are enrolled must check their Canvas account by the first day of class. Students must be employed to enroll in and complete the class. Zoom meeting links will be posted in Canvas.

COTR 19V-81806 WEB WEB WEB WEB C.HOLDEN
Meets from 10/11 to 12/10 Students are required to attend the following online orientation meeting: Thursday, 10/14 from 5:00-6:00pm from 5:00-6:00pm. Students that are enrolled must check their Canvas account by the first day of class. Students must be employed to enroll in and complete the class. Zoom meeting links will be posted in Canvas.

**COUNSELING**

**COUN 47 LRNG STRATEGIES (2 Units)**
Establishing effective study habits and positive attitudes that will lead to successful achievement of academic goals. The course includes: understanding the psychology of learning, identifying learning styles, obstacles to achievement, goal setting, time management, concentration, active listening, note taking, using a textbook, memory techniques, test taking, vocabulary building, and budgeting resources. ADVISORIES: Eligibility for English 125 and 126. (A, CSU)

**Online Class Offering(s)**
COUN 47-81587 W 6:00pm-7:50 WEB M.HENNECKE
(Wastewater. This is a 100% online class. Synchronous (live) online instruction will be available during Wednesday 6:00 - 7:50pm. Students who cannot attend the synchronous (live) lecture will be able to view a recording of the live session. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
COUN 53  COLLEGE/LIFE MGMT (3 Units)
This course is designed for first-year college students. It will prepare students for college life and academic success. Topics will include personal growth and development, academic goal development, campus resources, student success strategies, diversity and cultural awareness, and maintaining a healthy lifestyle. ADVISORIES: Eligibility for English 125, 126, and Mathematics 201. (A, CSU)

Online Class Offering(s)
COUN 53-81688 WEB WEB WEB T.LINVILLE
Meets from 08/30 to 12/10 This is a 100% online class. This class does not have any required, scheduled meeting days/times however, work must be completed/submitted regularly as determined by the instructor. If the instructor holds optional synchronous (live) sessions, students who cannot attend the synchronous (live) lecture will be able to view a recording of the live session and will not be penalized for nonattendance at the live
COUN 53-81685 WEB WEB WEB L.EDWARDS
This is a 100% online class. This class does not have any required, scheduled meeting days/times however, work must be completed/submitted regularly as determined by the instructor. If the instructor holds optional synchronous (live) sessions, students who cannot attend the synchronous (live) lecture will be able to view a recording of the live session and will not be penalized for nonattendance at the live session(s).
COUN 53-81687 WEB WEB WEB T.BAEZA
This is a 100% online class. This class does not have any required, scheduled meeting days/times however, work must be completed/submitted regularly as determined by the instructor. If the instructor holds optional synchronous (live) sessions, students who cannot attend the synchronous (live) lecture will be able to view a recording of the live session and will not be penalized for nonattendance at the live session(s).
COUN 53-***** MW 9:00am-10:15 WEB W.PATRICK
(CALWORKS STUDENTS ONLY. Please contact Laura Gonzales at [559]325-5293 for more information.) This is a 100% online class. Students will be required to attend synchronous (live) online sessions Monday & Wednesday 9:00-10:15am between 8/9 - 12/10. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.

CRIMINOLOGY
CRIM 1  INTRO TO CRIM (3 Units)
This course introduces students to the history and philosophy of the United States criminal justice system. It also analyzes theories of crime and crime causation in conjunction with how law is developed. Additionally, the course examines sentencing and incarceration processes. ADVISORIES: Eligibility for English 1A. (A, CSU, UC)(C-ID AJ 110)

Full Term Class Offering(s)
CRIM 1-81762 TTh 6:00pm-7:15 AC1 175 E.TOSTADO
(This is an in-person course. Safety guidelines permitting, on-campus face-to-face classes will take place as indicated in the schedule information for this section. If this course is required to return to an online format, students must have the necessary equipment and internet connectivity to attend synchronous [live] online class sessions. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
Online Class Offering(s)
CRIM 1-81694 WEB WEB WEB G.ELLIOTT
(This is a 100% online class. Students that are enrolled must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
CRIM 1-81695 WEB WEB WEB R.GALLEGOS
(This is a 100% online class. Students that are enrolled must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

CRIM 4 JUSTICE SYSTEM (3 Units)
This course analyzes criminal law and its relationship to court proceedings in the United States. Additionally, the class introduces students to concepts such as: procedural rules, jurisdiction, classification and elements of crimes. It also focuses on the legal issues and constitutional interpretations involving extradition, arrest, search and seizure laws, admissions and confessions and other directives provided to law enforcement agencies. ADVISORIES: Eligibility for English 1A. (A, CSU) (C-ID AJ

Online Class Offering(s)
CRIM 4-81696 TTh 8:00am-9:15 WEB S.CHENEY
(This is a 100% online class. Synchronous (live) online instruction will be available during Tuesday and Thursday 8:00 - 9:15am. Students who cannot attend the synchronous (live) lecture will be able to view a recording of the live session. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

CRIM 5 COMMUN RELATIONS (3 Units)
This course examines the complex, dynamic relationship between communities and the justice system in addressing crime and conflict with an emphasis on challenges and prospects of administering justice within a diverse multicultural population. Topics may include the consensus and conflicting values in religion, and law. ADVISORIES: Eligibility for English 1A. (A, CSU, UC) (C-ID AJ 160)

Online Class Offering(s)
CRIM 5-81697 TTh 9:30am-10:45 WEB S.CHENEY
(This is a 100% online class. Synchronous (live) online instruction will be available during Tuesday and Thursday 9:30 - 10:45am. Students who cannot attend the synchronous (live) lecture will be able to view a recording of the live session. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

CRIM 6 Criminal Law (3 Units)
Criminal Law offers an analysis of the history and the philosophy of criminal liability in the United States, as well as an understanding of the classification of crimes against property and persons. This course discusses the most frequently used criminal statutes in the United States as well as those most used in the state of California. ADVISORIES: Eligibility for English 1A. (A, CSU) (C-ID AJ 120)

Online Class Offering(s)
CRIM 6-81699 WEB WEB WEB E.TOSTADO
(This is a 100% online class. Students that are enrolled must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
CRIM 6-81698 MWF 9:00am-9:50 WEB G.ELLIOTT
(This is a 100% online class. Synchronous (live) online instruction will be available during Monday-Wednesday-Friday 9:00 - 9:50am. Students who cannot attend the synchronous (live) lecture will be able to view a recording of the live session. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
CRIM 8  CRIMINAL INVEST (3 Units)
This course examines the criminal investigation process. More specifically, the course addresses the techniques, procedures, and ethical issues involved in the investigation of crime. Additionally, the students gain an understanding of preliminary and follow up investigations, as well as interview and interrogation techniques, case documentation and court preparation. ADVISORIES: Eligibility for English 1A. (A, CSU) (C-ID AJ 140)

Online Class Offering(s)
CRIM 8-81700 WEB WEB WEB G.ELLIOTT
(This is a 100% online class. Students that are enrolled must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

CRIM 20  Intro to Corrections (3 Units)
This course examines the history, philosophy, and concepts of the United States correctional system. Additionally, the course presents a critical analysis of punishment and its alternatives, as well as a review of the various types of correctional facilities employed in the United States. ADVISORIES: Eligibility for English 1A. (A, CSU) (C-ID AJ 200: CRIM-20 & CRIM 28)

Online Class Offering(s)
CRIM 20-81769 W 6:00pm-8:50 WEB R.GALLEGOS
(This is a 100% online class. Synchronous (live) online instruction will be available during Wednesday 6:00 - 8:50pm. Students who cannot attend the synchronous (live) lecture will be able to view a recording of the live session. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

DANCE

DANCE 10  MODERN DANCE (1 Units)
This course is designed to teach modern dance exercises and improvisations involving body movement, rhythm, design, dynamics, technique, and expression. Students will learn body conditioning exercises for posture, strength, and flexibility. ADVISORIES: Eligibility for English 125 and 126. (A, CSU, UC)

Online Class Offering(s)
DANCE 10-81239 WEB WEB WEB A.GARVIN
Meets from 08/23 to 12/10 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

DANCE 12A  Ballet (1 Units)
Fundamental technique of classical Ballet using barre exercises and center work. Basic concepts of ballet dance vocabulary and ballet terminology for the beginning student. ADVISORY: Eligibility for English 1A recommended. (A, CSU, UC)

Online Class Offering(s)
DANCE 12A-81240 WEB WEB WEB A.GARVIN
Meets from 08/23 to 12/10 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

DANCE 14  BEG JAZZ DANCE (1 Units)
This course is a study of contemporary dance style, modified from ballet and modern dance. Students will utilize basic steps and isolated body parts conditioning exercises for strength, flexibility, balance, and alignment done in a rhythmic form to jazz and other contemporary music. ADVISORIES: Eligibility for English 125 and 126. (A, CSU, UC)
<table>
<thead>
<tr>
<th>Section Number</th>
<th>Days</th>
<th>Times</th>
<th>Building/Room</th>
<th>Instructor</th>
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<tbody>
<tr>
<td>DANCE 14-81241</td>
<td>WEB</td>
<td>WEB</td>
<td>WEB</td>
<td>A.GARVIN</td>
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</tbody>
</table>

Meets from 08/23 to 12/10 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

**DANCE 15 INTER JAZZ TECH (1 Units)**

Dance 15 is a progressive refinement of jazz dance technique, building upon skills and techniques covered in Dance 14. Students will utilize basic and intermediate steps and isolated body parts conditioning exercises for strength, flexibility, balance, and alignment done in a rhythmic form to jazz and other contemporary music. ADVISORIES: English 125 and 126. (A, CSU)

<table>
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<tr>
<th>Online Class Offering(s)</th>
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<tbody>
<tr>
<td>DANCE 15-81242 WEB WEB WEB A.GARVIN</td>
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Meets from 08/23 to 12/10 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

**DANCE 28 INT MODERN DANCE (1 Units)**

Dance 28 is a progressive refinement of modern dance technique, building upon skills and techniques covered in Dance 10. Dance 28 covers an intermediate-level modern dance, emphasis on up-side down movement, fast-pace locomotor patterns, and weight sharing. ADVISORIES: English 125 and 126. (A, CSU)

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<th>Online Class Offering(s)</th>
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<tr>
<td>DANCE 28-81243 WEB WEB WEB A.GARVIN</td>
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Meets from 08/23 to 12/10 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

**EARLY CHILDHOOD EDUCATION (Formerly Child Development)**

**ECE 1 (formerly CHDEV 1) Prin & Pract of Tching Yng Chl (3 Units)**

An examination of the underlying theoretical principles of developmentally appropriate practices applied to programs and environments, emphasizing the key role of relationships, constructive adult-child interactions, and teaching strategies in supporting physical, social, creative and intellectual development for children. This course includes a review of the historical roots of early childhood programs and the evolution of the professional practices promoting advocacy, ethics and professional identity. ECE-1 was formerly CHDEV-1. ADVISORIES: Eligibility for English 1A or English 1AH. (A, CSU) (C-ID ECE 120)

<table>
<thead>
<tr>
<th>Full Term Class Offering(s)</th>
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<tbody>
<tr>
<td>ECE 1-81810 Th 6:00pm-9:05 CD 101 H.HOLLEY-SHARP</td>
</tr>
</tbody>
</table>

(This is an in-person course. Safety guidelines permitting, on-campus face-to-face classes will take place as indicated in the schedule information for this section. If this course is required to return to an online format, students must have the necessary equipment and internet connectivity to attend synchronous [live] online class sessions. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

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<th>Online Class Offering(s)</th>
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<tr>
<td>ECE 1-81811 WEB WEB WEB E.ROMERO</td>
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</table>

Meets from 08/16 to 12/10 (Dual Enrollment. This is a 100% online class. Students that are enrolled must check their Canvas account by the first day of the class. Failure to do so may result in the student being dropped from the course.)

| ECE 1-81812 WEB WEB WEB E.ROMERO |
Meets from 08/16 to 12/10 (Dual Enrollment. This is a 100% online class. Students that are enrolled must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
ECE 1-81813 WEB WEB WEB H.BOYNTON
Meets from 08/16 to 12/10 (Dual Enrollment. This is a 100% online class. Students that are enrolled must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
ECE 1-81809 WEB WEB WEB H.BOYNTON
Meets from 08/17 to 12/07 (Dual Enrollment. This is a 100% online class. Students that are enrolled must check their Canvas account by the first day of the class. Failure to do so may result in the student being dropped from the course.)
ECE 2 (formerly CHDEV 39)  Child Grth and Dev (3 Units)
This course examines basic theories, research, as well as concepts and principles of physical, psychosocial, cognitive and language development. Exploration of these aspects of development taking place from conception through adolescence. Emphasis is placed on environmental and genetic influences on typical and atypical development. ECE-2 was formerly CHDEV-39. ADVISORIES: Eligibility for English 1A or English 1AH. (A, CSU-GE, UC, I) (C-ID CDEV 100)

Full Term Class Offering(s)
ECE 2-81874 TTh 1:00pm-2:15 AC1 150 S.PFEIFFER-TURPEN
(This is an in-person course. Safety guidelines permitting, on-campus face-to-face classes will take place as indicated in the schedule information for this section. If this course is required to return to an online format, students must have the necessary equipment and internet connectivity to attend synchronous [live] online class sessions. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
ECE 2-81873 W 6:00pm-8:50 AC1 150 S.PFEIFFER-TURPEN
(This is an in-person course. Safety guidelines permitting, on-campus face-to-face classes will take place as indicated in the schedule information for this section. If this course is required to return to an online format, students must have the necessary equipment and internet connectivity to attend synchronous [live] online class sessions. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

Online Class Offering(s)
ECE 2-81875 WEB WEB WEB H.BOYNTON
(This is a 100% online class. Students that are enrolled must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
ECE 2-81876 WEB WEB WEB L.YATES
(This is a 100% online class. Students that are enrolled must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
ECE 2-81877 WEB WEB WEB L.YATES
(This is a 100% online class. Students that are enrolled must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
ECE 3 (formerly CHDEV 3) Intro to Curriculum (3 Units)
This course presents an overview of knowledge and skills related to providing appropriate curriculum and environments in early childhood education. Students examine a teacher's role in supporting learning and development in young children with an emphasis on the essential role of play. Students study an overview of content areas including but not limited to: Language and literacy, social and emotional learning, sensory learning, art and creativity, math and science. ECE-3 was formerly CHDEV-3. ADVISORIES: Eligibility for English 1A or English 1AH. PREREQUISITE: Verification of immunization against influenza, pertussis, and measles, and freedom from tuberculosis. (A, CSU)(C-ID ECE 130)

Hybrid Class Offering(s)
ECE 3-81817 M 9:00am-11:50 CCC WEB H.BOYNTON
and TBA TBA ARR H.BOYNTON
and TBA TBA CCC WEB H.BOYNTON
(This hybrid class is online for all lecture content. Students will be required to attend synchronous (live) online sessions Mondays 9:00-11:50am between 8/9 - 12/10. Face-to-face labs are required for 18 hours during the semester to be scheduled with the instructor the first week of class. The labs will take place at the Clovis Community College Child Development Lab on Wednesdays 1:00-2:50pm. An additional 8 hours of labs will be completed online. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course. Prerequisites: Verification of immunization against influenza, pertussis, measles, and freedom from tuberculosis. Please contact the instructor through Canvas for more)

ECE 4 (formerly CHDEV 30) Child, Family, and Community (3 Units)
An examination of the developing child in a societal context focusing on the interrelationship of family, school and community emphasizes historical and social-cultural factors. The processes of socialization and identity development are highlighted, showing the importance of respectful, reciprocal relationships that support and empower families. ECE-4 was formerly CHDEV-30. ADVISORIES: Eligibility for English 1A or English 1AH. (A, CSU, UC, CSU-GE, I) (C-ID CDEV 110)

Full Term Class Offering(s)
ECE 4-81819 MW 9:30am-10:45 CD 102 S.BRANDL
(This is an in-person course. Safety guidelines permitting, on-campus face-to-face classes will take place as indicated in the schedule information for this section. If this course is required to return to an online format, students must have the necessary equipment and internet connectivity to attend synchronous [live] online class sessions. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

Online Class Offering(s)
ECE 4-81818 WEB WEB WEB E.ROMERO
(This is a 100% online class. Students that are enrolled must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course. Please contact the instructor through Canvas for more information.)
ECE 4-81820 WEB WEB WEB S.BRANDL
(This is a 100% online class. Students that are enrolled must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
ECE 5 (formerly CHDEV 20) Obsrvtn & Assessmt (3 Units)
This course focuses on the appropriate use of assessment and observation strategies to document development, growth, play and learning to join with families and professionals in promoting children's success. Recording strategies, rating systems, portfolios, and multiple assessment tools are explored. ECE-5 was formerly CHDEV-20. PREREQUISITES: Early Childhood Education 1, 2, and 3. ADVISORIES: Eligibility for English 1A or English 1AH. (A, CSU) (C-ID ECE 200)

Online Class Offering(s)
ECE 5-81816 WEB WEB WEB LYATES
(This is a 100% online class. Students that are enrolled must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

ECE 6 (formerly CHDEV 6) Hlth/Safety/Nutrn (3 Units)
Introduction to the laws, regulations, standards, policies and procedures and early childhood curriculum related to child health, safety and nutrition. Prevention, detection, and management of communicable disease medical issues associated with disabilities and chronic illness physical health mental health and safety for both children and adults collaboration with families and health professionals are discussed. Integration of the concepts discussed into planning and program development for children ages 0 to 5 are emphasized. ECE-6 was formerly CHDEV-6. ADVISORIES: Eligibility for English 1A and English 1AH. (A, CSU)

Online Class Offering(s)
ECE 6-81878 WEB WEB WEB S.BRANDL
(This is a 100% online class. Students that are enrolled must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

ECE 7 (formerly CHDEV 15) Diversity & Culture (3 Units)
Examination of the development of social identities in diverse societies including theoretical and practical implications of oppression and privilege as they apply to young children, families, programs, classrooms and teaching. Various classroom strategies are explored emphasizing culturally and linguistically responsive teaching and appropriate anti-bias approaches supporting all children in becoming competent members of a diverse society. Course includes self-examination and reflection on issues related to social identity, stereotypes and bias, social and educational access, media and schooling. ECE-7 was formerly CHDEV-15. ADVISORIES: Eligibility for English 1A or English 1AH. (A, CSU) (C-ID ECE 230)

Online Class Offering(s)
ECE 7-81814 M 6:00pm-8:50 WEB H.BOYNTON
(This is a 100% online class. Synchronous (live) online instruction will be available during Monday 6:00 - 8:50pm. Students who cannot attend the synchronous (live) lecture will be able to view a recording of the live session. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

ECE 8 (formerly CHDEV 37A) Erly Chldhd Practicum (3 Units)
This course integrates curriculum design, implementation, and evaluation of developmentally appropriate experiences that promote positive development and learning for all young children, in a supervised lab school setting or in early childhood programs with mentor teachers. Child centered play-oriented approaches to teaching, learning and assessment are emphasized. Students utilize practical classroom experience to make connections between theory and practice, develop professional behaviors and build a comprehensive understanding of children and families. ECE-8 was formerly CHDEV-37A. PREREQUISITES: Early Childhood Education 1, 2, 3, and 5. Verification of immunization against influenza, pertussis and
measles and freedom from tuberculosis. ADVISORIES: Eligibility for English 1A or English 1AH. (A,CSU) (C-ID
ECE 210)
ECE 8.*****   W 12:00pm-1:50   CD 102   S.PFEIFFER-TURPEN
and
TBA  TBA  ARR  S.PFEIFFER-TURPEN
(This class requires three arranged lab hours each week. Please contact instructor for enrollment
permission: sallie.turpen@cloviscollege.edu. Prerequisites: Verification of immunization against influenza,
pertussis, measles, and freedom from tuberculosis.)

**ECE 14 (formerly CHDEV 38)  Lifespan Development (3 Units)**
Basic theories, research concepts and principles of physical, cognitive and psycho-social development,
including biological and environmental influences, are explored with a focus on each major stage of life from
conception to death. This course is designed to promote critical self-understanding. Students apply
developmental theory to major topics, including developmental problems, that occur throughout one’s
lifespan. ECE-14 was formerly CHDEV-38. ADVISORIES: Eligibility for English 1A or English 1AH. (A, CSU-GE,
UC, I) (C-ID PSY 180)

**Online Class Offering(s)**
ECE 14-81822  WEB  WEB  WEB  S.PFEIFFER-TURPEN
Meets from 08/30 to 12/10 (This is a 100% online class. Students that are enrolled must check their Canvas
account by the first day of the semester. Failure to do so may result in the student being dropped from the
course.)
ECE 14-81871  WEB  WEB  WEB  K.ALLEN
Meets from 08/30 to 12/10 (This is a 100% online class. Students that are enrolled must check their Canvas
account by the first day of the semester. Failure to do so may result in the student being dropped from the
course.)
ECE 14-81872  WEB  WEB  WEB  K.ALLEN
Meets from 08/30 to 12/10 (This is a 100% online class. Students that are enrolled must check their Canvas
account by the first day of the semester. Failure to do so may result in the student being dropped from the
course.)
ECE 14-81864  WEB  WEB  WEB  C.WALKER
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the
semester. Failure to do so may result in the student being dropped from the course.)
ECE 14-81865  WEB  WEB  WEB  T.MATTHEWS
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the
semester. Failure to do so may result in the student being dropped from the course.)
ECE 14-81866  WEB  WEB  WEB  T.MATTHEWS
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the
semester. Failure to do so may result in the student being dropped from the course.)
ECE 20 (formerly CHDEV 17A)  Infant/Toddler Practicum (3 Units)
This course introduces students to infant-toddler development. It applies current research to the care and education of infants and toddlers in group settings. It examines essential policies, principles and practices that lead to quality care and developmentally appropriate curriculum for children from birth to 36 months. The To Be Arranged hours may include observation of and participation in planning environments and facilitating infant toddler growth and development. ECE-20 was formerly CHDEV-17A PREREQUISITES: Early Childhood Education 1 and 2. Verification of immunization against influenza, pertussis and measles and freedom from tuberculosis. ADVISORIES: Eligibility for English 1A or English 1AH. (A, CSU)

Online Class Offering(s)
ECE 20-81879  T  7:00pm-8:50  WEB  E.ROMERO
and  TBA  TBA  CCC WEB  E.ROMERO
and  TBA  TBA  CCC WEB  E.ROMERO
(This is a 100% online class. Students will be required to attend synchronous (live) online sessions Tuesdays 7:00 - 7:50pm between 8/9 - 12/10. Additional class content does not have scheduled meeting days/times however, work must be completed/submitted regularly as determined by the instructor. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

ECONOMICS
ECON 1A  MACROECONOMICS (3 Units)
An introduction to macroeconomic theory and aggregate economic analysis covers market systems, the banking system, international economics, economic policy, national income accounting, unemployment and inflation, and economic growth. PREREQUISITES: Mathematics 201. ADVISORIES: Eligibility for English 1A and Mathematics 103. (A, CSU, CSU-GE, UC, I) (C-ID ECON 202)

Full Term Class Offering(s)
ECON 1A-81596  Th  6:00pm-9:05  AC1 275  STAFF
(This is an in-person course. Safety guidelines permitting, on-campus face-to-face classes will take place as indicated in the schedule information for this section. If this course is required to return to an online format, students must have the necessary equipment and internet connectivity to attend synchronous [live] online class sessions. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

Online Class Offering(s)
ECON 1A-81594  WEB  WEB  WEB  X.SONG
(This is a 100% online class. Students that are enrolled must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
ECON 1A-81647  WEB  WEB  WEB  L.SCHWENDIMAN
(This is a 100% online class. Students that are enrolled must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
ECON 1A-81595  TTh  2:30pm-3:45  WEB  E.HERNANDEZ
(This is a 100% online class. Synchronous (live) online instruction will be available during Tuesday and Thursday 2:30 - 3:45pm. Students who cannot attend the synchronous (live) lecture will be able to view a recording of the live session. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
ECON 1A-81645  WEB  WEB  WEB  E.HERNANDEZ
Meets from 08/09 to 10/08 (This is a 100% online class. Students that are enrolled must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

ECON 1A-81646 WEB WEB WEB STAFF

Meets from 10/11 to 12/10 (This is a 100% online class. Students that are enrolled must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

ECON 1B MICROECONOMICS (3 Units)
An introduction to micro economic theory covers the choices of individual economic decision makers, elasticity, scarcity, income distribution, market structure, market failure, production and cost theory, specialization and trade, and the role of the public sector. PREREQUISITES: Mathematics 201. ADVISORIES: Eligibility for English 1A and Mathematics 103. (A, CSU, CSU-GE, UC, I) (C-ID ECON 201)

**Full Term Class Offering(s)**
ECON 1B-81597 W 6:00pm-8:50 AC1 275 N.ALANIS
(This is an in-person course. Safety guidelines permitting, on-campus face-to-face classes will take place as indicated in the schedule information for this section. If this course is required to return to an online format, students must have the necessary equipment and internet connectivity to attend synchronous [live] online class sessions. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result)

**Online Class Offering(s)**
ECON 1B-81648 WEB WEB WEB N.ALANIS
(This is a 100% online class. Students that are enrolled must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
ECON 1B-81650 WEB WEB WEB G.SRINIVASAN
(This is a 100% online class. Students that are enrolled must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
ECON 1B-81598 TTh 4:00pm-5:15 WEB E.HERNANDEZ
(This is a 100% online class. Synchronous (live) online instruction will be available during Tuesday and Thursday 4:00 - 5:15pm. Students who cannot attend the synchronous (live) lecture will be able to view a recording of the live session. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
ECON 1B-81651 WEB WEB WEB N.ALANIS
Meets from 08/09 to 10/08 (This is a 100% online class. Students that are enrolled must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
ECON 1B-81649 WEB WEB WEB STAFF
Meets from 10/11 to 12/10 (This is a 100% online class. Students that are enrolled must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
# EDUCATION

## EDUC 10  INTRO TO TEACH (3 Units)

This course introduces students to the concepts and issues related to teaching diverse learners in contemporary schools, Kindergarten through grade 12 (K-12). Topics include teaching as a profession and career, historical and philosophical foundations of the American education system, contemporary educational issues, California’s content standards and frameworks, and teacher performance standards. In addition to class time, the course requires a minimum of 45 hours of structured fieldwork in K-12 classrooms that represent California’s diverse student population, and includes cooperation with at least one carefully selected and campus-approved certificated classroom teacher. Students need to do their observation in a classroom that is in line with their degree plans. Single subject majors (History, Math, English, etc.) need to observe in subject area at a high school or junior high. Multiple subject students need to do their observations in an elementary school or junior high school. ADVISORIES: Eligibility for English 125 and English 126. (A, CSU, UC)(C-ID EDUC 200)

### Hybrid Class Offering(s)

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<th>Section Number</th>
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<tr>
<td>EDUC 10-81247</td>
<td>M</td>
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<td>M.BENNETT</td>
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<td>(This hybrid class will meet on-campus and online. Students will be required to participate by attending on-campus sessions on M, 9-10:50am in AC1-275. Students are required to do 48 hours of K-12 observations during the course of the semester. Depending on the status of K-12, students will either complete their hours in a physical classroom or online by viewing videos of instruction. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)</td>
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<td>(This hybrid class will meet on-campus and online. Students will be required to participate by attending on-campus sessions on W, 9:30-11:20am in AC1-175 and working on instructional materials provided online weekly. Students are required to complete 48 hours of K-12 observations during the course of the semester. Depending on the status of K-12, students will either complete their hours in a physical classroom or online by viewing videos of instruction. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)</td>
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**ENGINEERING**

**ENGR 2  Engr Graphics (4 Units)**
This course covers the principles of engineering drawings in visually communicating engineering designs and an introduction to computer-aided design (CAD). Topics include the development of visualization skills, orthographic projections, mechanical dimensioning and tolerancing practices, and the engineering design process. Assignments develop sketching and 2-D and 3-D CAD skills. The use of CAD software is an integral part of the course. PREREQUISITES: Mathematics 4A. ADVISORIES: Eligibility for English 1A.(A, CSU, UC)(C-ID ENGR 150)

**Online Class Offering(s)**

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(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

**ENGR 4  ENGR MATERIALS (3 Units)**
This is an introductory course on the properties of engineering materials and their relation to the internal structure of materials. Topics include: atomic structure and bonding crystalline structures phases and phase diagram metals polymers ceramics composites mechanical deformation and fracture structural control and influence of properties materials naming and designating systems and electrical properties. PREREQUISITES: Chemistry 1A and Physics 4A. ADVISORIES: Eligibility for English 1A.(A, CSU, UC)

**Online Class Offering(s)**

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<td>ENGR 4-81083</td>
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(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

**ENGR 5  Progr and Prob-Solv in Matlab (3 Units)**
This course utilizes the MATLAB environment to provide students with a working knowledge of computer-based problem-solving methods relevant to science and engineering. It introduces the fundamentals of procedural and object-oriented programming, numerical analysis, and data structures. Examples and assignments in the course are drawn from practical applications in engineering, physics, and mathematics. PREREQUISITE: Mathematics 5A. ADVISORY: Eligibility for English 1A or English 1AH.(A, CSU, UC)

**Hybrid Class Offering(s)**

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<td>MW</td>
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<td>AC1 208</td>
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(This hybrid class is online for all lecture content between 8/9 - 12/10. Face-to-face labs are required on a weekly basis at the times listed. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

**ENGR 6  ELEC CIRC W/LAB (4 Units)**
An introductory course in the analysis of DC and AC linear circuits containing resistors, inductors, capacitors, independent and dependent voltage and current sources, and operational amplifiers. Lecture topics include Ohm's Law, Kirchhoff's Laws, loop and mesh analysis, Thevenin's and Norton's Theorems, superposition, natural and forced response in first and second order circuits, phasor analysis, resonance, AC steady-state power calculations, power transfer, and energy concepts. Lab component includes construction, testing, and analysis of linear electrical circuits. PREREQUISITES: Physics 4B. COREQUISITES: Mathematics 17. ADVISORIES: Eligibility for English 1A. (A, CSU, UC)(C-ID ENGR 260, ENGR 260L)

Hybrid Class Offering(s)
- ENGR 6-81867 WEB WEB CCC WEB C.GLAVES
- and T 3:00pm-5:50 AC1 208 C.GLAVES

(This hybrid class is online for all lecture content between 8/9 - 12/10. Face-to-face labs are required on a weekly basis at the times listed. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

**ENGR 8  Statics (3 Units)**
The study of rigid bodies in static equilibrium when acted upon by forces and couples in two- and three-dimensional space. Includes equilibrium of rigid bodies, trusses, frames and machines, friction, shear and bending moment diagrams, as well as the calculation of centers of mass, centroids, and moments of inertia. PREREQUISITES: Physics 4A. COREQUISITES: Mathematics 6. ADVISORIES: Eligibility for English 1A. (A, CSU, UC)(C-ID ENGR 130)

Online Class Offering(s)
- ENGR 8-81086 WEB WEB WEB STAFF

(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

**ENGR 10  INTRO TO ENGR (2 Units)**
This course is an introduction to the engineering profession for students interested in a career in engineering or technology. Topics include the branches of engineering, the functions of an engineer, and the industries in which engineers work. Students also investigate education plans, internships, the design process, analytical problem solving techniques, project management, and professional ethics. Hands-on projects are used extensively in the course. ADVISORIES: Eligibility for English 1A, and eligibility for Mathematics 201. (A, CSU, UC)

Online Class Offering(s)
- ENGR 10-81080 WEB WEB WEB K.GROSS

(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

ENGR 10-81081 WEB WEB WEB K.GROSS

(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
ENGR 40  SCI & ENGR PROG (4 Units)
This course introduces the use of C++ programming language to solve engineering and applied science problems. It includes a systematic development of program structure, specification, testing and debugging. Lab assignments include traditional program development as well as the interface of software with the physical world. PREREQUISITES: Mathematics 4B or a combination of Mathematics 3A and Mathematics 4A. ADVISORIES: Eligibility for English 1A. (A, CSU, UC)

Hybrid Class Offering(s)
ENGR 40-81084  WEB  WEB  CCC WEB  C.GLAVES
and TTh 9:30am-10:45  AC1 114  C.GLAVES
(This hybrid class is online for all lecture content between 8/9 - 12/10. Face-to-face labs are required on a weekly basis at the times listed. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

ENGLISH
ENGL 1A  READ & COMP (4 Units)
Students read, analyze, and compose college-level prose, with emphasis on the expository read and analyze at least one book-length text study writing as a process explore different composing structures and strategies edit and revise their own writing and conduct research (gather, organize, evaluate, integrate, and document information, culminating in a term research paper and annotated bibliography. Students write a minimum of 6,000 words in formal academic language. PREREQUISITES: English 125 and 126 or Interdisciplinary Studies 251 or placement through college assessment process. (A, CSU-GE, UC, I) (C-ID ENGL 100)

Full Term Class Offering(s)
ENGL 1A-81910  MW  8:00am-9:50  AC1 281  L.SHEPARD
(This is an in-person course. Safety guidelines permitting, on-campus face-to-face classes will take place as indicated in the schedule information for this section. If this course is required to return to an online format, students must have the necessary equipment and internet connectivity to attend synchronous [live] online class sessions. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
ENGL 1A-81911  MW  10:30am-12:20  AC1 281  A.BRANDON
(This is an in-person course. Safety guidelines permitting, on-campus face-to-face classes will take place as indicated in the schedule information for this section. If this course is required to return to an online format, students must have the necessary equipment and internet connectivity to attend synchronous [live] online class sessions. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

Online Class Offering(s)
ENGL 1A-81249  WEB  WEB  WEB  J.BURDICK
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
ENGL 1A-81250  WEB  WEB  WEB  A.BRANDON
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
ENGL 1A-81251  WEB  WEB  WEB  A.BRANDON
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| (This class requires concurrent enrollment with ENGL-205-81303. This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
| ENGL 1A-81286 | WEB  | WEB   | WEB           | C.HOOVER        |
| (This class requires concurrent enrollment with ENGL-205-81304. This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
| ENGL 1A-81287 | WEB  | WEB   | WEB           | A.KHADRA        |
| (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
| ENGL 1A-81288 | WEB  | WEB   | WEB           | A.KHADRA        |
| (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
| ENGL 1A-81475 | WEB  | WEB   | WEB           | A.PERSO         |
| (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
| ENGL 1A-81476 | WEB  | WEB   | WEB A.PERSO   | L.SANTIKIAN     |
| (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
| ENGL 1A-81477 | WEB  | WEB   | WEB           | J.LANE          |
| (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
| ENGL 1A-81478 | WEB  | WEB   | WEB L.SANTIKIAN |                |
| (This class requires concurrent enrollment with ENGL-205-81482. This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
| ENGL 1A-81479 | WEB  | WEB   | WEB M.SCRITUNAS |                |
| (This class requires concurrent enrollment with ENGL-205-81483. This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
| ENGL 1A-81480 | WEB  | WEB   | WEB J.SWARTHOUT |                |
| (This class requires concurrent enrollment with ENGL-205-81484. This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
| ENGL 1A-81481 | WEB  | WEB   | WEB N.BENHARDUS |                |
| (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
| ENGL 1A-81519 | WEB  | WEB   | WEB C.TIDWELL |                |
| (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
| ENGL 1A-81520 | WEB  | WEB   | WEB C.TIDWELL |                |
ENGL 1A-81521 WEB WEB WEB A.RICHERSON
ENGL 1A-81522 WEB WEB WEB A.RICHERSON
ENGL 1A-81254 TTh 8:00am-9:50 WEB S.PINKHAM
ENGL 1A-81260 MW 2:00pm-3:50 WEB R.CRESCENTI

ENGL 1AH  HON READ & COMP (4 Units)
English 1AH focuses on reading, analyzing, and composing college-level prose, with emphasis on the
expository: reading and analyzing at least one book-length text studying writing as a process exploring
different composing structures and strategies, editing and revising one's own writing conducting research
(gathering, organizing, evaluating, integrating and documenting information), culminating in a term research
paper using both traditional and original research. Students write a minimum of 8,000 words in formal
academic language. PREREQUISITES: English 125 and 126 or placement through college assessment process.
(A, CSU-GE, UC, I)(C-ID ENGL 100)

Hybrid Class Offering(s)
ENGL 1AH-***** WEB WEB CCC WEB C.ELLIOTT

and
ENGL 1AH-***** M 10:00am-11:15 AC1 175 C.ELLIOTT

(Advisory: This class is reserved for students who have been accepted into the Honors Program. Interested
students are encouraged to contact Tasha Hutchings at [559] 325-5304.) This hybrid class will meet on-
campus and online. Students will be required to participate by attending on-campus sessions on M, 10-
11:15am in AC1-175 and working on instructional materials provided online weekly. Enrolled students
must check their Canvas account by the first day of the semester. Failure to do so may result in the student
being dropped from the course.)

Online Class Offering(s)
ENGL 1AH-***** WEB WEB WEB J.BURDICK

(Advisory: This class is reserved for students who have been accepted into the Honors Program. Interested
students are encouraged to contact Tasha Hutchings at [559] 325-5304. This is a 100% online class. Enrolled
students must check their Canvas account by the first day of the semester. Failure to do so may result in the
student being dropped from the course.)

ENGL 1B  INTRO LITERATURE (3 Units)
This course introduces representative works from major genres, develops students' close reading and
analytical writing skills, and promotes appreciation and critical understanding of the cultural, historical, and
aesthetic qualities of literature. PREREQUISITES: English 1A or 1AH. (A, CSU-GE, UC, I) (C-ID ENGL 120)

Full Term Class Offering(s)
ENGL 1B-81927 MW 1:00pm-2:15 AC1 181 A.BRANDON
(This is an in-person course. Safety guidelines permitting, on-campus face-to-face classes will take place as indicated in the schedule information for this section. If this course is required to return to an online format, students must have the necessary equipment and internet connectivity to attend synchronous [live] online class sessions. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

**Online Class Offering(s)**
ENGL 1B-81291 WEB WEB WEB E.FRITZ
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
ENGL 1B-81292 WEB WEB WEB E.FRITZ
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

**ENGL 1BH  HONORS LITERATURE (3 Units)**
This course introduces representative works from major genres, develops students' close reading and analytical writing skills, and promotes appreciation and critical understanding of the cultural, historical, and aesthetic qualities of literature. As an Honors section, this class employs enhanced teaching methods such as a seminar approach, more research-based writing assignments, and assignments calling for a higher level of critical thinking. **PREREQUISITES:** English 1A or 1AH. (A, CSU-GE, UC, I) (C-ID ENGL 120)

**Online Class Offering(s)**
ENGL 1BH-***** WEB WEB WEB E.FRITZ
(Advisory: This class is reserved for students who have been accepted into the Honors Program. Interested students are encouraged to contact Tasha Hutchings at [559] 325-5304. This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

**ENGL 3  CRIT RDG & WRIT (3 Units)**
This course is designed to develop critical thinking, reading, and writing skills beyond the level achieved in English 1A/1AH. The course focuses on the development of logical reasoning and analytical and argumentative writing skills based primarily on works of non-fiction in a variety of media. Students write a minimum of 6,000 words during the course of the semester, including one essay of at least 2,000 words. **PREREQUISITES:** English 1A or 1AH. (A, CSU-GE, UC, I) (C-ID ENGL 105)

**Online Class Offering(s)**
ENGL 3-81307 WEB WEB WEB E.FRITZ
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
ENGL 3-81308 WEB WEB WEB J.SIMONSON
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
ENGL 3-81309 WEB WEB WEB C.HOOVER
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
ENGL 3-81310 WEB WEB WEB B.DAHER
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
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**ENGL 3H  HON CRIT RDG/WRT (3 Units)**

This is a course designed to develop critical thinking, reading, and writing skills beyond the level achieved in English 1A/1AH. The course focuses on the development of logical reasoning and analytical and argumentative writing skills based primarily on works of non-fiction. Students analyze classical and contemporary essays and synthesize critical research. As an Honor's section, this class employs enhanced teaching methods such as seminar approach and assignments calling for a higher level of critical thinking. Students write a minimum of 8,000 words during the course of the semester, including one essay of at least 2,000 words. PREREQUISITES: English 1A or 1AH. (A, CSU-GE, UC, I) (C-ID ENGL 105)

**Online Class Offering(s)**

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ENGL 15B  CREA WRT:FICTION (3 Units)
English 15B is intended for students interested in writing short fiction. The course includes appropriate exercises, readings, and analyses of published and student work. PREREQUISITES: English 1A or 1AH. (A, CSU, UC) (C-ID ENGL 200: ENGL 15A & ENGL 15B)

Online Class Offering(s)
ENGL 15B-81248 WEB WEB WEB E.FRITZ
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

ENGL 43B AM LIT 1877-PRESENT (3 Units)
Analysis and study of fiction, drama, poetry, non-fiction, film, advertising, and ephemera of the United States from the Reconstruction to present day. PREREQUISITES: English 1A or English 1AH. (A, CSU, CSU-GE, UC, I) (C-ID ENGL 135)

Online Class Offering(s)
ENGL 43B-81318 WEB WEB WEB M.TORRES
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

ENGL 46B British Literature (3 Units)
A study of significant voices in British literature from the end of the Eighteenth Century into the Twenty-First Century. Fiction, poetry, drama, and non-fiction are placed into their historical and philosophical contexts. PREREQUISITES: English 1A or 1AH. (A, CSU, CSU-GE, UC, I) (C-ID ENGL 165)

Online Class Offering(s)
ENGL 46B-81319 WEB WEB WEB J.SIMONSON
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

ENGL 72 Writg Cntr Theory (1 Units)
This course provides instruction and guided practice in peer learning assistance. The course is intended for those interested in helping students with reading and writing assignments while also enhancing their own reading and writing skills. Reader-based feedback and active learning strategies are practiced. Areas for study include composition theory, collaborative learning, writing centers, and reading and writing across the curriculum. PREREQUISITES: Eligibility for English 125 or 126 or placement by assessment. (A, CSU)

Online Class Offering(s)
ENGL 72-81320 TTh 2:00pm-2:50 WEB STAFF and TBA TBA ARR STAFF
Meets from 08/10 to 10/07 (This is a 100% online class. Students will be required to attend synchronous (live) online sessions on TTH, 2-2:50pm. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
ENGL 72A  Adv Writing Center Thry & Prac (1 Units)
This course provides instruction and guided practice in peer tutoring strategies focusing on the needs of various types of student writers and different tutoring contexts. The course specifically addresses tutoring strategies for ESL students, students with learning disorders and learning style differences, students with discipline-specific writing needs, as well as for online sessions and classroom-embedded interactions. Specialized reader-based feedback and active learning strategies are practiced. PREREQUISITES: English 72. (A, CSU)

Online Class Offering(s)
ENGL 72A-81321 TTh 2:00pm-2:50 WEB STAFF
and TBA TBA TBA ARR STAFF
Meets from 10/12 to 12/09 (This is a 100% online class. Students will be required to attend synchronous (live) online sessions on TTH, 2-2:50pm. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

ENGL 205  Strat Ski for Success in Engl (2 Units)
This course will be taught in conjunction with English 1A College Reading and Writing. It will emphasize critical reading, expository and argumentative writing, and mastery of library research techniques. It includes instruction and practice in critical thinking, in analytical reading and evaluation of written work, and in the methods of clearly communicating and supporting ideas in organized, coherent essays. COREQUISITE: English 1A.

Online Class Offering(s)
ENGL 205-81294 WEB WEB WEB WEB S.PINKHAM
(This class requires concurrent enrollment with ENGL-1A-81264. This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
ENGL 205-81295 WEB WEB WEB WEB R.DZERIGIAN
(This class requires concurrent enrollment with ENGL-1A-81265. This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
ENGL 205-81296 WEB WEB WEB WEB L.SHEPARD
(This class requires concurrent enrollment with ENGL-1A-81266. This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
ENGL 205-81297 WEB WEB WEB WEB M.SANWO
(This class requires concurrent enrollment with ENGL-1A-81268. This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
ENGL 205-81298 WEB WEB WEB WEB M.SANWO
(This class requires concurrent enrollment with ENGL-1A-81267. This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
ENGL 205-81299 WEB WEB WEB WEB D.LAWRENCE
(This class requires concurrent enrollment with ENGL-1A-81270. This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
ENGL 205-81300 WEB WEB WEB WEB J.SIMONSON
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<td>M.SCRIPTUNAS</td>
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<td>WEB</td>
<td>J.SWARTHOUT</td>
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(Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

ENGL 272  COLL WRTG ASSTNCE (.5-1 Units)
This course is intended for any student requiring help with written compositions in any discipline. The course provides intensive assistance in reading, writing, and critical thinking. Students develop, improve, and refine their critical reading skills and their compositions to sustain focus, employ analysis, reflection, organization, and logical structure. All stages of the writing process are practiced.

Online Class Offering(s)
| ENGL 272-81305 | WEB  | WEB   | WEB           | STAFF      |

(This course requires 1.5 arranged hours per week. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

(This class requires concurrent enrollment with ENGL-1A-81277. This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

(This class requires concurrent enrollment with ENGL-1A-81278. This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

(This class requires concurrent enrollment with ENGL-1A-81279. This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

(This class requires concurrent enrollment with ENGL-1A-81285. This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

(This class requires concurrent enrollment with ENGL-1A-81286. This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

(This class requires concurrent enrollment with ENGL-1A-81478. This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

(This class requires concurrent enrollment with ENGL-1A-81479. This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

(This class requires concurrent enrollment with ENGL-1A-81480. This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
**FILM**

**FILM 1  FILM STUDIES (3 Units)**

A course demonstrating the uses of photography, editing, and sound in the telling of film stories it will explore film and social issues, filmic meaning, and the main issues of film theory and criticism. ADVISORIES: Eligibility for English 1A or 1AH. (A, CSU-GE, UC, I)

**Online Class Offering(s)**

FILM 1-81322 WEB WEB WEB K.MIKO

(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

**FILM 2A  CINEMA 1895-1960 (3 Units)**

This course provides a survey of significant moments in the creation, delivery, reception, and influence of cinema from the 1890's to 1960. Instruction will include the origins of film technology and its increasing usefulness for narrative, historical documentary, and political argument or indoctrination, and aesthetics. Analysis will include the discovery of how technology, society, public taste, history and social concerns shaped the medium. ADVISORIES: Eligibility for English 125 or English 126. (A,

**Online Class Offering(s)**

FILM 2A-81323 WEB WEB WEB K.MIKO

(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

**FOODS & NUTRITION**

**FN 35  Nutritn & Hlth (3 Units)**

This course examines the relationship of diet to physical and emotional health. Topics include nutrients, diet patterns throughout the life cycle, and optimal nutrition to reduce the risks of cancer, heart disease, allergies, and other diseases. Students learn and discuss social, psychological, and cultural dictates which affect food selection and health. The course encourages the construction of personal strategies to develop a nutrition plan for better health. This course is designed for students with an interest in Food Services and is not open to students with credit in Food and Nutrition 40, Nutrition. ADVISORIES: Eligibility for English 1A. (A, CSU-GE, UC)

**Online Class Offering(s)**

FN 35-81771 WEB WEB WEB K.SPACH

Meets from 08/23 to 12/10 (Dual Enrollment. This is a 100% online class. Students that are enrolled must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

FN 35-81770 WEB WEB WEB K.SPACH

(This is a 100% online class. Students that are enrolled must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course. Please contact the instructor through Canvas for more information.)
FN 40  Nutrition (3 Units)
This course explores nutrients and their ingestion, digestion, absorption, transport, metabolism, interaction, storage, and excretion. Topics of the course include the relationship of diet to physical and emotional health, diet patterns through the life cycle, consumer concerns, and recent developments. ADVISORIES: Eligibility for English 1A, and Mathematics 201. (A, CSU, UC)

Online Class Offering(s)
FN 40-81772 WEB WEB WEB M.KONG
(This is a 100% online class. Students that are enrolled must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
FN 40-81773 WEB WEB WEB K.SPACH
(This is a 100% online class. Students that are enrolled must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
FN 40-81774 WEB WEB WEB M.KONG
(This is a 100% online class. Students that are enrolled must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
FN 40-81775 WEB WEB WEB M.KONG
Meets from 10/11 to 12/10 (This is a 100% online class. Students that are enrolled must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

FRENCH

FRENCH 1  Beginning French (5 Units)
This beginning course in conversational and written French is for non-native speakers intended for students without previous exposure to French. There is an introduction to pronunciation, vocabulary, idioms, grammar, basic composition, and exploration of the cultures of France and other Francophone countries and regions. ADVISORIES: Eligibility for English 1A. (A, CSU-GE, UC, I)

Full Term Class Offering(s)
FRENCH 1-81324 TTh 10:30am-12:50 AC1 281 S.TAYLOR
(This is an in-person course. Safety guidelines permitting, on-campus face-to-face classes will take place as indicated in the schedule information for this section. If this course is required to return to an online format, students must have the necessary equipment and internet connectivity to attend synchronous [live] online class sessions. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

FRENCH 2  High-Beginning French (5 Units)
This second-semester course in conversational and written French is for non-native speakers. There is development of grammatical structures, expansion of vocabulary, and further study of the cultures of France and other Francophone countries and regions. There is an introduction to the literary texts. PREREQUISITES: French 1 or 2 years of high school French. ADVISORIES: Eligibility for English 1A. (A, CSU-GE, UC, I)

Online Class Offering(s)
FRENCH 2-81325 WEB WEB WEB B.BABCOCK
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
GEOGRAPHY

GEOG 1  Physical Geography (3 Units)
The course is a spatial study of the Earth's dynamic physical systems and processes. Topics include: Earth-sun geometry, weather, climate, water, landforms, soil, and the biosphere. Emphasis is on the interrelationships among environmental and human systems and the processes and their resulting patterns and distributions. Tools of geographic inquiry are also briefly covered they include: maps, remote sensing, Geographic Information Systems (GIS) and Global Positioning Systems (GPS) ADVISORY: English 125 and English 126, or Interdisciplinary Studies 251. (A, CSU-GE, UC, I)

Full Term Class Offering(s)
GEOG 1-81909  TTh  10:00am-11:15  AC1 241  J.MCPHEE
(This is an in-person course. Safety guidelines permitting, on-campus face-to-face classes will take place as indicated in the schedule information for this section. If this course is required to return to an online format, students must have the necessary equipment and internet connectivity to attend synchronous [live] online class sessions. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

Online Class Offering(s)
GEOG 1-81327  WEB  WEB  WEB  J.MCPHEE
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
GEOG 1-81328  WEB  WEB  WEB  S.MCFEETERS
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
GEOG 1-81329  WEB  WEB  WEB  J.MCPHEE
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
GEOG 1-81330  WEB  WEB  WEB  L.REYES
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
GEOG 1-81331  WEB  WEB  WEB  J.MCPHEE
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
GEOG 1-81486  WEB  WEB  WEB  S.PHILLIPS
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
GEOG 1-81525  WEB  WEB  WEB  J.MCPHEE
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
GEOG 1-81827  WEB  WEB  WEB  S.PHILLIPS
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
GEOG 2  Cultural Geography (3 Units)
This course is the study of diverse human populations, their cultural origins, diffusion and contemporary spatial expressions. Topics include: demography, languages and religions, urbanization and landscape modification, political units and nationalism, and economic systems and development. ADVISORY: English 125 and English 126, or Interdisciplinary Studies 251. (A, CSU-GE, UC, I)

Full Term Class Offering(s)
GEOG 2-81906 TTh 11:00am-12:15 AC1 175 S.PHILLIPS
(This is an in-person course. Safety guidelines permitting, on-campus face-to-face classes will take place as indicated in the schedule information for this section. If this course is required to return to an online format, students must have the necessary equipment and internet connectivity to attend synchronous [live] online class sessions. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

GEOG 6  WORLD REG GEOG (3 Units)
This course covers all of the regions of the world: a study of the physical settings, population patterns, natural resources, and economic and political status of the world's regions. ADVISORIES: English 125 and English 126, or Interdisciplinary Studies 251. (A, CSU, UC, IGETC) (C-ID GEOG 125)

Online Class Offering(s)
GEOG 6-81333 WEB WEB WEB WEB L.REYES
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
GEOG 6-81526 WEB WEB WEB WEB S.PHILLIPS
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
GEOG 6-81527 WEB WEB WEB WEB S.PHILLIPS
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

GEOLOGY

GEOL 1  PHYSICAL GEOL (4 Units)
An introduction to the principles of geology with emphasis on Earth processes. This course focuses on the internal structure and origin of the Earth and the processes that change and shape it. The laboratory component focuses on the identification of rocks and minerals, topographic and geologic map exercises demonstrating the work of water, wind, ice and gravity and effects of tectonic activity. Optional field trips to classic geologic locations. ADVISORIES: Eligibility for English 125, 126, and Mathematics 201 or equivalent. (A, CSU-GE, UC, I) (C-ID GEOL 101)

Hybrid Class Offering(s)
GEOL 1-81087 WEB WEB CCC WEB Y.MENDOZA
and
GEOL 1-81158 WEB WEB CCC WEB M.SELVANS
and
GEOL 1-81158 WEB WEB CCC WEB M.SELVANS
and
GEOL 1-81158 WEB WEB CCC WEB M.SELVANS

(This hybrid class is online for all lecture content between 8/9 - 12/10. Face-to-face labs are required on a weekly basis at the times listed. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
<table>
<thead>
<tr>
<th>Section Number</th>
<th>Days</th>
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<th>Building/Room</th>
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</table>

(This hybrid class is online for all lecture content between 8/9 - 12/10. Face-to-face labs are required on a weekly basis at the times listed. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

**Online Class Offering(s)**

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<th>GEOL 1-81156</th>
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<th>WEB</th>
<th>WEB</th>
<th>V.SYVERSON</th>
</tr>
</thead>
</table>

and

| T  | 12:30pm-3:20 | CCC WEB | V.SYVERSON |

(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

**GEOL 9 INT TO EARTH SCI (4 Units)**

An introduction to the essentials of Earth Science with a laboratory. Topics include the geosphere, atmosphere, hydrosphere, and solar system. This course focuses on the interactions between physical and chemical systems of the Earth such as the tectonic cycle, rock cycle, hydrologic cycle, weather and climate. Optional fieldtrips. ADVISORIES: Eligibility for English 125, 126, and Mathematics 201. (A, CSU-GE, UC, I) (C-ID GEOL 121)

**Hybrid Class Offering(s)**

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<th>CCC WEB</th>
<th>M.SELVANS</th>
</tr>
</thead>
</table>

and

| Th  | 9:00am-12:05 | AC1 214 | M.SELVANS |

(This hybrid class is online for all lecture content between 8/9 - 12/10. Face-to-face labs are required on a weekly basis at the times listed. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

**Online Class Offering(s)**

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<th>WEB</th>
<th>WEB</th>
<th>M.SELVANS</th>
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</thead>
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and

| TBA | TBA | CCC WEB | M.SELVANS |

(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

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<tr>
<th>GEOL 9-81089</th>
<th>WEB</th>
<th>WEB</th>
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<th>D.OLIVER</th>
</tr>
</thead>
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and

| TBA | TBA | CCC WEB | D.OLIVER |

(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

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<tr>
<th>GEOL 9-81750</th>
<th>WEB</th>
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<th>C.HEAP</th>
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</table>

and

| W  | 6:00pm-8:50 | CCC WEB | C.HEAP |

(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

**HEALTH EDUCATION**

**HLTH 1 CONTEMP HLTH ISS (3 Units)**

This course is designed to introduce the student to a comprehensive study of personal and community health. This course will also introduce the student to health issues at the local, state, and national levels. ADVISORIES: Eligibility for English 125 and 126. (A, CSU-GE, UC)

**Online Class Offering(s)**

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<thead>
<tr>
<th>HLTH 1-81537</th>
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</thead>
</table>

Meets from 08/23 to 12/10 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

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<td>C.ALBERTSON</td>
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(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

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<tr>
<td>1-81353</td>
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(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

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<td>1-81354</td>
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(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

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(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

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(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

**HLTH 2  FIRST AID & SAFETY (3 Units)**
This course is designed to prepare citizen responders with the knowledge and skills necessary to respond to emergency and first-aid situations. First aid, CPR, and AED for adults, children and infants are included in this course. Students will be eligible to take American Red Cross certification exams upon successful completion of each respective content area. ADVISORIES: Eligibility for English 125 or 126. (A, CSU, UC) (C-ID KIN 101)

**Online Class Offering(s)**
HLTH 2-81512 WEB WEB WEB E.GONZALEZ
Meets from 09/13 to 10/20 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

**HISTORY**

**HIST 1  WEST CIV TO 1648 (3 Units)**
This course provides a survey of the political, social, economic, cultural and intellectual developments of European civilization from its prehistoric antecedents in the Middle East to the rise of modern European nations in the seventeenth century. ADVISORIES: Eligibility for English 125 and 126. (A, CSU-GE, UC, I)(C-ID HIST 170)

**Online Class Offering(s)**
HIST 1-81334 WEB WEB WEB G.MORRIS
(CCCAP-CNHS and Clovis Online This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

HIST 1-81487 WEB WEB WEB J.PULIDO
CCCAP-CHS/CEHS This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

HIST 1-81528 WEB WEB WEB J.HEYNE HANSON
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
HIST 2   W CIV FROM 1648 (3 Units)
This course provides a survey of the political, social, economic, cultural & intellectual development of European civilization and its impact on non-western societies from the 17th century to the present era. ADVISORIES: Eligibility for English 125 and 126. (A, CSU-GE, UC, I) (C-ID HIST 180)

Online Class Offering(s)
HIST 2-81347 WEB WEB WEB J.HEYNE HANSON
(CCCAP-BHS/CWHS This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
HIST 2-81532 WEB WEB WEB J.HEYNE HANSON
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

HIST 11   U S TO 1877 (3 Units)
This course traces the political, social, and economic development of the United States from the colonial period to the Reconstruction Era. ADVISORIES: Eligibility for English 125 and 126. (A, CSU-GE, UC, I) (C-ID HIST 130) (C-ID HIST 140: HIST 11, HIST 12, & HIST 12H)

Full Term Class Offering(s)
HIST 11-81488 TTh 9:00am-10:15 AC1 150 G.FONTES
(This is an in-person course. Safety guidelines permitting, on-campus face-to-face classes will take place as indicated in the schedule information for this section. If this course is required to return to an online format, students must have the necessary equipment and internet connectivity to attend synchronous [live] online class sessions. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

Online Class Offering(s)
HIST 11-81340 WEB WEB WEB R.HERNANDEZ SOLIS
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
HIST 11-81335 WEB WEB WEB H.OHANESSIAN
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
HIST 11-81336 WEB WEB WEB M.RETTIG
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
HIST 11-81337 WEB WEB WEB H.OHANESSIAN
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
HIST 11-81338 WEB WEB WEB G.FONTES
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
HIST 11-81339 WEB WEB WEB M.RETTIG
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
HIST 11-81490 WEB WEB WEB J.PULIDO
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
HIST 11-81491 WEB WEB WEB J.PULIDO
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

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<td>7:00pm-8:15</td>
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<td>G.MORRIS</td>
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<td>12-81341</td>
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Dual Enrollment-Sierra Charter. (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

Meets from 08/09 to 10/08 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

HIST 12  U S SINCE 1865 (3 Units)
This course traces the political, social, and economic development of the United States from the Reconstruction Era to the present. ADVISORIES: Eligibility for English 125 and 126. (A, CSU-GE, UC, I) (C-ID HIST 140: HIST 11, HIST 12 & HIST 12H)

Full Term Class Offering(s)

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Online Class Offering(s)

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(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

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Meets from 10/11 to 12/10 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

**HIST 20  WORLD HISTORY I (3 Units)**
This course examines economic, political, and social developments in World Civilization from the emergence of human communities to around 1600. ADVISORIES: Education 10 recommended for K-8 teachers, eligibility for English 125 and 126. (A, CSU-GE, UC, I)(C-ID HIST 150)

**Online Class Offering(s)**

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(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

**HIST 23  World History II Since 1500 (3 Units)**
This course examines economic, political, and social development in world history from around 1500 to the present. ADVISORIES: Education 10 recommended for K-8 teachers. Eligibility for English 125 and English 126. (A, CSU)(C-ID HIST 160)

**Online Class Offering(s)**

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(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

**HIST 33  A Survey of Latin Am History (3 Units)**
This course explores the history and culture of Latin America from the pre-Colombian period to the present. The course will focus on political, economic, social and cultural factors, as well as the interaction between Latin America and its hemispheric neighbors. ADVISORIES: Eligibility for English 125 and English 126. (A, CSU-GE, UC, I)

**Online Class Offering(s)**

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(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
HONORS PROGRAM

HONORS 2A  Honors Seminar: Comm Or Crit T (1 Units)
A seminar exploring a path of inquiry under the overall topic of communication or critical thinking. This seminar is intended for honors students of the Clovis Community College Honors program to stimulate intellectual curiosity, discussion, and analysis. This seminar may include field trips and guest speakers.
PREREQUISITE: Acceptance into the Honors Program. ADVISORIES: Eligibility for English 1A or English 1AH. (A, CSU, UC)

Online Class Offering(s)
HONORS 2A-***** WEB WEB WEB J.BURDICK
(Advisory: This class is reserved for students who have been accepted into the Honors Program. Interested students are encouraged to contact Tasha Hutchings at [559] 325-5304. (Theme: "The Magic and Terror of Science". This is a 100% online class. Students will be required to attend some synchronous (live) online sessions on W, 3:00-3:50pm between 8/9 - 10/8. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

INFORMATION SYSTEMS

IS 15  Computer Concepts (3 Units)
This course provides an introduction to computer and information systems concepts and terminology, an overview of hardware, and software (systems and applications including word processing, spreadsheet, database, presentation and programming), the history of the microcomputer, privacy and legal issues, and telecommunications (email and Internet). A grade of C or better in this course fulfills the computer familiarity requirement. ADVISORY: Eligibility for English 1A. (A, CSU, UC)(C-ID ITIS 120)

Full Term Class Offering(s)
IS 15-81783 MW 12:00pm-12:50 AC1 145 R.PORTER
and M 1:00pm-1:50 AC1 145 R.PORTER
and W 1:00pm-1:50 AC1 145 R.PORTER
(This is an in-person course. Safety guidelines permitting, on-campus face-to-face classes will take place as indicated in the schedule information for this section. If this course is required to return to an online format, students must have the necessary equipment and internet connectivity to attend synchronous [live] online class sessions. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
IS 15-81784 TTh 12:00pm-12:50 AC1 145 D.SANDS
and T 1:00pm-1:50 AC1 145 D.SANDS
and Th 1:00pm-1:50 AC1 145 D.SANDS
(This is an in-person course. Safety guidelines permitting, on-campus face-to-face classes will take place as indicated in the schedule information for this section. If this course is required to return to an online format, students must have the necessary equipment and internet connectivity to attend synchronous [live] online class sessions. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
IS 15-81785 MW 2:30pm-3:20 AC1 145 R.PORTER
and M 3:30pm-4:20 AC1 145 R.PORTER
and W 3:30pm-4:20 AC1 145 R.PORTER
(This is an in-person course. Safety guidelines permitting, on-campus face-to-face classes will take place as indicated in the schedule information for this section. If this course is required to return to an online format, students must have the necessary equipment and internet connectivity to attend synchronous [live] online
class sessions. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

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Meets from 10/11 to 12/10 (This is a 100% online class. Students that are enrolled must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

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Meets from 10/11 to 12/10 (This is a 100% online class. Students that are enrolled must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

**IS 16  Word Processing (1.5 Units)**

This course provides an introduction to word processing for the business manager. This course includes creating, editing, formatting, saving and printing documents. A number of advanced topics are introduced. This course includes a survey of current word processing applications. The student is expected to complete assignments in the computer laboratory outside of class. ADVISORIES: Eligibility for English 1A, and Information Systems 15. (A, CSU)

**Online Class Offering(s)**

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Meets from 08/23 to 10/01 (This is a 100% online class. Students that are enrolled must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

**IS 18  Spreadsheet Fundamentals (1.5 Units)**

This course provides an introduction to spreadsheet fundamentals for the business manager. This course covers creating and formatting worksheets, using formulas and functions, and creating graphs using a spreadsheet. The student is expected to complete assignments in the computer laboratory outside of class. ADVISORIES: Eligibility for English 1A, and Information Systems 15. (A, CSU)

**Online Class Offering(s)**

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<td>T.GIUFFRIDA</td>
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</table>
Meets from 10/04 to 11/12 (This is a 100% online class. Students that are enrolled must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

**IS 40A  Web Dev With Html, Css & Javas (3 Units)**
This is an introductory course in Web Development using web authoring software and HTML. The emphasis is on production, design, and usability. Students apply skills and concepts to plan, develop, and upload a small website. CO-REQUISITE: Information Systems 15. ADVISORY: Eligibility for English 1A. (A, CSU)

**Full Term Class Offering(s)**
- IS 40A-81801  TThF 7:30am-8:20  CART TBA  J.FAST
- IS 40A-81800  WEB WEB WEB C.ARNOLD
(CART Students only)

**Online Class Offering(s)**
- IS 40A-81800  WEB WEB WEB C.ARNOLD
- IS 40B-81802  WEB WEB WEB C.ARNOLD
Meets from 08/23 to 10/08 (This is a 100% online class. Students that are enrolled must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

**IS 40B  Adv Web Desgn Cpts, Des & Prog (3 Units)**
This course provides a hands-on exploration in cutting edge HTML techniques needed to enhance web pages with frames, targets, columns, image maps, and META tags. The course explores the roles of the latest technologies such as ASP/PHP, JavaScript, and Java. Students create HTML forms, write ASP/PHP web pages for interactivity, and process information submitted via form. PREREQUISITE: Information Systems 40A. ADVISORY: Eligibility for English 1A. (A, CSU)

**Online Class Offering(s)**
- IS 40B-81802  WEB WEB WEB C.ARNOLD
- IS 50A-81791  WEB WEB WEB W.KERNEY
Meets from 10/11 to 12/10 (This is a 100% online class. Students that are enrolled must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

**IS 50A  Intro to Game Programming (3 Units)**
This course introduces students to game development concepts, including the theory of game design, mathematical concepts needed to create 3D games, and how to create a new game using a game engine. ADVISORIES: Information Systems 15 or Computer Science 40, Mathematics 4A, and eligibility for English 1A. (A, CSU, UC)

**Online Class Offering(s)**
- IS 50A-81791  WEB WEB WEB W.KERNEY
- IS 50A-81791  TBA TBA CCC W.KERNEY
(This is a 100% online class. Students that are enrolled must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
IS 61  Computer Bldg & Config (1.5 Units)
This course covers the proper procedures for building a personal computer. Students learn how to select, assemble, and install the necessary components to build a personal computer. The course includes a lecture and hands-on activities such as: installing operating systems and application software, and using appropriate diagnostic software to solve hardware or software problems. CO-REQUISITE: Information Systems 15. ADVISORY: Eligibility for English 1A. (A, CSU)

Online Class Offering(s)
IS 61-81793 WEB WEB WEB D.ATENCIO
and
TBA TBA CCC WEB D.ATENCIO
Meets from 08/16 to 09/10 (This is a 100% online class. Students that are enrolled must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

IS 62  Computr Trblshting & Maint (4 Units)
This course provides an introduction to troubleshooting and maintenance techniques of personal and laptop computers. The course provides Information Systems student with applicable hands-on activities such as installing RAM, replacing motherboards, and replacing power supplies, as well as using specialized test equipment to assist in troubleshooting. CO-REQUISITE: Information Systems 15. ADVISORY: Eligibility for English 1A. (A, CSU)

Online Class Offering(s)
IS 62-81796 WEB WEB WEB D.ATENCIO
and
TBA TBA CCC WEB D.ATENCIO
Meets from 09/13 to 12/10 (This is a 100% online class. Students that are enrolled must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

IS 63  Cmptr Networking Fundam (3 Units)
This course provides an introduction to computer networking by providing hands on networking learning tasks such as: making and testing network cabling troubleshooting networking hardware as well as working with common network protocols. In this course, students learn network topology, network types (wired and wireless), and basic principles of network security as well as network hardware and software installation and configuration. This course prepares students to be competitive candidates in obtaining their Comp TIA Network+ certification. PREREQUISITE: Information Systems 62. ADVISORIES: Eligibility for English 1A. (A, CSU)

Online Class Offering(s)
IS 63-81797 WEB WEB WEB R.ALAVI-MOGHADDAM
and
TBA TBA CCC WEB R.ALAVI-MOGHADDAM
Meets from 08/09 to 10/08 (This is a 100% online class. Students that are enrolled must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
### IS 64  Computer Networking II (3 Units)
This course covers advanced concepts in networking software and hardware. Installation of WAN hardware components and software are examined. Installation of communications/internet software, proxy servers, transaction servers, domain name servers, and mail servers are examined in a virtual environment. Design and implementation techniques for large organizations are also covered. PREREQUISITES: Information Systems 63. ADVISORIES: Eligibility for English 1A. (A, CSU)

**Online Class Offering(s)**
- IS 64-81798  WEB  WEB  WEB  R.ALAVID-MOGHADDAM
- and TBA  TBA  CCC  WEB  R.ALAVID-MOGHADDAM

Meets from 10/11 to 12/10 (This is a 100% online class. Students that are enrolled must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

### INTERDISCIPLINARY STUDIES

### INTDS 50  College Success (3 Units)
This course is designed for first-year college students and provides an exploration of cognitive, psychological, social, and physical factors influencing success in college, the world of work, and in life. Topics include personal responsibility, critical thinking, motivation, self-efficacy, self-awareness, lifelong learning, self-management, health and wellness, interpersonal communication in a diverse world, educational planning, and service learning. ADVISORIES: Eligibility for English 125, English 126, and MATH-201. (A, CSU, UC)

**Full Term Class Offering(s)**
- INTDS 50-81899  MW  9:30am-10:45  AC2 179  J.LANE
- INTDS 50-81795  TTH  10:00am-11:15  AC1 275  P.XIONG

This is an in-person course. Safety guidelines permitting, on-campus face-to-face classes will take place as indicated in the schedule information for this section. In the event that this course is required to return to an online format, students must have the necessary equipment and internet connectivity to attend synchronous [live] online class sessions. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.

**Online Class Offering(s)**
- INTDS 50-81900  WEB  WEB  WEB  D.FISHER

This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.
INTDS 251  Academic Literacy (6 Units)
This course is designed to provide intensive instruction in critical thinking, reading, and writing as will be required in English 1A and other college-level courses. Using theme based readings from a variety of academic genres, coursework will emphasize independent reading of complex academic texts, critical response to ideas and information in academic texts, and writing essays that integrate ideas and information from academic texts.

Online Class Offering(s)
INTDS 251-81357 WEB WEB WEB R.CRESCENTI
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

INTDS 300  ACADEMIC LRN CNTR (0 Units)
This course provides individualized assistance to increase the probability of a student’s successful completion of his or her educational objectives. Hours will vary depending upon individual student's need.

Online Class Offering(s)
INTDS 300-81898 WEB WEB WEB S.ROSS
and TBA TBA AC1 141 S.ROSS
(For students who utilize the Tutorial Center.)

JOURNALISM

JOURN 1  Intro to Mass Communic (3 Units)
A survey of mass communication and the interplay on society, including history, art, culture, gender, race, class, and trends in a digital age. Students learn analytical skills to become critical consumers and/or thoughtful developers of media content through discussion of appropriate theories as well as relevant topics, including how media effects industries, impacted by legal and ethical considerations, economic pressures, and cultural influences. ADVISORY: Eligibility for English 1A. (A, CSU, CSU-GE, UC, I)

Online Class Offering(s)
JOURN 1-81538 WEB WEB WEB C.HARRIS
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

KINESIOLOGY

KINES 20  ATHLETIC TRAINING (3.5 Units)
This is a course is designed to instruct students in the prevention and evaluation of athletic injuries. Emergency first aid, treatment and taping of injuries will constitute the majority of the lab component. ADVISORIES: Eligibility for English 125 and 126. (A, CSU, UC)

Online Class Offering(s)
KINES 20-81358 WEB WEB WEB J.AVE
and TBA TBA CCC WEB J.AVE
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
KINES 22  Introduction to Kinesiology (3 Units)
This course is an introduction to the interdisciplinary approach to the study of human movement. An overview of the importance of the sub-disciplines in kinesiology is discussed along with career opportunities in the areas of teaching, coaching, allied health, and fitness professions. ADVISORIES: Eligibility for English 1A. (A, CSU, UC)

Online Class Offering(s)
KINES 22-81359 WEB WEB WEB E.GONZALEZ
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
KINES 22-81539 WEB WEB WEB O.RAMIREZ
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
KINES 22-81540 WEB WEB WEB O.RAMIREZ
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

LIBRARY SKILLS

LIBSKL 1  Info Comp/Research Skls (1.5 Units)
This course is an introduction to research skills and strategies for college students to successfully locate, access, evaluate, and use information in various formats. Students learn how to use print, database and Internet resources, cite sources, create bibliographies, and understand plagiarism. ADVISORIES: Eligibility for English 1A. (A, CSU, UC)

Online Class Offering(s)
LIBSKL 1-81693 WEB WEB WEB R.YANG
Meets from 10/11 to 12/10 (This is a 100% online class. Students that are enrolled must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

LINGUISTICS

LING 11  INTRO TO LANGUAGE (3 Units)
This course examines human language, including its nature, structure, use, history, and acquisition. Emphasis is on the systematic linguistic description of language knowledge and usage. It is recommended for foreign language majors, liberal studies majors, and students in the Multiple Subject Credential Blended Program. PREREQUISITES: English 1A or 1AH. (A, CSU-)

Online Class Offering(s)
LING 11-81360 WEB WEB WEB R.CLARK
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
MATH 4A  TRIGONOMETRY (4 Units)
This course in trigonometry of the plane concentrates on trigonometric functions and their applications. Topics covered include the trigonometric functions, solution of right triangles, radian measure, fundamental identities, angular measure, graphs, logarithms, functions of composite angles, oblique triangles, trigonometric equations, inverse trigonometric functions, and complex numbers, including powers and roots. The study of polar coordinates and polar equations is also covered. PREREQUISITES: Mathematics 103 or equivalent and Mathematics 102. ADVISORIES: Eligibility for English 125 and English

Full Term Class Offering(s)
MATH 4A-81710 MWF 11:00am-12:10 AC1 106 J.RENWICK
(This is an in-person course. Safety guidelines permitting, on-campus face-to-face classes will take place as indicated in the schedule information for this section. If this course is required to return to an online format, students must have the necessary equipment and internet connectivity to attend synchronous [live] online class sessions.)

Online Class Offering(s)
MATH 4A-81711 WEB WEB WEB J.RENWICK
MATH 4A-81712 WEB WEB WEB J.RENWICK
MATH 4A-81713 WEB WEB WEB J.RENWICK

MATH 4B  PRECALCULUS (4 Units)
The course is an analytic and comprehensive study of algebra, geometry and trigonometry designed to prepare students for calculus. Topics include conic sections, inequalities, systems of equations, polynomial, trigonometric, rational, exponential and logarithmic functions and their graphs. PREREQUISITES: Mathematics 4A or equivalent. ADVISORIES: Eligibility for English 125 and 126. (A, CSU-GE, UC, I)

Full Term Class Offering(s)
MATH 4B-81922 TTh 10:00am-11:50 AC2 284 J.GARDNER

Online Class Offering(s)
MATH 4B-81715 WEB WEB WEB J.GARDNER

MATH 5A  MATH ANALYSIS I (5 Units)
Introduction to calculus, analytic geometry, differentiation and integration of polynomial, exponential, logarithmic and trigonometric functions limits curve sketching and applications. PREREQUISITES: Mathematics 3A and Mathematics 4A or Mathematics 4B. ADVISORIES: Eligibility for English 125 and 126. (A, CSU-GE, UC, I)(C-ID MATH 210)

Full Term Class Offering(s)
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<th>Instructor</th>
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<td>AC1 106</td>
<td>J.SHEPHERD</td>
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<td>AC1 106</td>
<td>J.GARDNER</td>
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<td>(This is a 100% online class. Students that are enrolled must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course. This class is designed to use the Proctorio system for remote monitoring of exams. Students will be required to have access to a computer with a webcam. Additional information will be available on <a href="http://www.proctorio.com">www.proctorio.com</a> and on the class syllabus.)</td>
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<td>C.SULLIVAN</td>
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MATH 5B  MATH ANALYSIS II (4 Units)
This class investigates the applications of integration, many techniques of integration, improper integrals, parametric equations, polar coordinates and functions. Further study involves conic sections, exponential growth/decay models, infinite series including Maclaurin and Taylor Series. PREREQUISITES: Mathematics 5A. ADVISORIES: Eligibility for English 125 and 126. (A, CSU-GE, UC, I) (C-ID MATH 220)

Full Term Class Offering(s)
MATH 5B-81747  MWF  9:00am-10:10  AC1 206  J.SHEPHERD
(This is an in-person course. Safety guidelines permitting, on-campus face-to-face classes will take place as indicated in the schedule information for this section. If this course is required to return to an online format, students must have the necessary equipment and internet connectivity to attend synchronous [live] online class sessions.)

Online Class Offering(s)
MATH 5B-81748  WEB  WEB  WEB  J.SHEPHERD
MATH 5B-81749  WEB  WEB  WEB  J.SHEPHERD
(This is a 100% online class. Students that are enrolled must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course. This class is designed to use the Proctorio system for remote monitoring of exams. Students will be required to have access to a computer with a webcam. Additional information will be available on www.proctorio.com and on the class syllabus.)

MATH 6  MATH ANALYSIS III (5 Units)
This is the third of three courses in the basic calculus sequence. Topics include solid analytical geometry, three dimensional vectors, vector valued functions, partial differentiation, multiple integration, line integrals, Divergence, Green’s, and Stokes’ Theorems. PREREQUISITES: Mathematics 5B. ADVISORIES: Eligibility for English 125 and 126. (A, CSU-GE, UC, I) (C-ID MATH 230)

Full Term Class Offering(s)
MATH 6-81744  MWF  8:30am-9:55  AC2 284  R.HICKEY
(This is an in-person course. Safety guidelines permitting, on-campus face-to-face classes will take place as indicated in the schedule information for this section. If this course is required to return to an online format, students must have the necessary equipment and internet connectivity to attend synchronous [live] online class sessions.)

Online Class Offering(s)
MATH 6-81745  WEB  WEB  WEB  R.HICKEY
MATH 6-81746  WEB  WEB  WEB  R.HICKEY
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
MATH 10A  STRUCTR/CONCEPTS (3 Units)
This course is designed for prospective elementary school teachers. It will study problem solving strategies and skills, number sequences, set theory, ancient numeration systems, number theory, rational and irrational numbers, Computation algorithms, and applications of mathematics. PREREQUISITES: Mathematics 103. ADVISORIES: Eligibility for English 125 and 126. (A, CSU, UC, CSU-GE)

Full Term Class Offering(s)
MATH 10A-81735  TTh  11:00am-12:15  AC1 106  J.RENWICK
(This is an in-person course. Safety guidelines permitting, on-campus face-to-face classes will take place as indicated in the schedule information for this section. If this course is required to return to an online format, students must have the necessary equipment and internet connectivity to attend synchronous [live] online class sessions.)
MATH 10A-81925  TTh  1:00pm-2:15  AC2 284  J.TAGUE
(This is an in-person course. Safety guidelines permitting, on-campus face-to-face classes will take place as indicated in the schedule information for this section. If this course is required to return to an online format, students must have the necessary equipment and internet connectivity to attend synchronous [live] online class sessions.)

Online Class Offering(s)
MATH 10A-81736  WEB  WEB  WEB  J.TAGUE
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
MATH 10A-81737  WEB  WEB  WEB  J.TAGUE
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
MATH 10A-81738  WEB  WEB  WEB  J.TAGUE
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

MATH 10B  Strctre and Concpts in Math II (3 Units)
This course is designed for prospective elementary school teachers. Topics covered will include counting methods, elementary probability and statistics. Additional topics in Geometry to include polygons, congruence and similarity, measurement, geometric transformations, coordinate geometry, and connections between numbers and geometry with selected applications. PREREQUISITES: Mathematics 10A and MATH 102. ADVISORIES: Eligibility for English 125 and English 126. (A, CSU-GE, UC)

Full Term Class Offering(s)
MATH 10B-81920  TTh  11:00am-12:15  AC1 206  R.HITCHCOCK
(This is an in-person course. Safety guidelines permitting, on-campus face-to-face classes will take place as indicated in the schedule information for this section. If this course is required to return to an online format, students must have the necessary equipment and internet connectivity to attend synchronous [live] online class sessions. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
MATH 10B-81705  MW  1:00pm-2:15  AC1 206  R.HITCHCOCK
(This is an in-person course. Safety guidelines permitting, on-campus face-to-face classes will take place as indicated in the schedule information for this section. If this course is required to return to an online format, students must have the necessary equipment and internet connectivity to attend synchronous [live] online class sessions.)
MATH 10B-81915  TTh  1:00pm-2:15  AC1 206  R.HITCHCOCK
(This is an in-person course. Safety guidelines permitting, on-campus face-to-face classes will take place as indicated in the schedule information for this section. If this course is required to return to an online format, students must have the necessary equipment and internet connectivity to attend synchronous [live] online class sessions. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

MATH 11  ELEM STATISTICS (4 Units)
This course is an introduction to statistical methods and techniques with applications in the fields of business, behavioral and social science, as well as in science, technology, engineering, and mathematics. Topics include descriptive measures of central tendency and variability, probability, binomial and normal distributions, random variables, sampling, estimating, hypothesis testing (parametric and nonparametric), correlation and regression. PREREQUISITES: Mathematics 103. ADVISORIES: Eligibility for English 125 and 126.(A, CSU-GE, UC, I)(C-ID MATH 110)

Full Term Class Offering(s)
MATH 11-81918  TTh  9:00am-10:50  AC1 118  C.SULLIVAN
(This is an in-person course. Safety guidelines permitting, on-campus face-to-face classes will take place as indicated in the schedule information for this section. If this course is required to return to an online format, students must have the necessary equipment and internet connectivity to attend synchronous [live] online class sessions. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

Online Class Offering(s)
MATH 11-81719  WEB  WEB  WEB  C.CHOATE
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

MATH 11-81720  WEB  WEB  WEB  C.CHOATE
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

MATH 11-81721  WEB  WEB  WEB  C.CHOATE
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

MATH 11-81724  WEB  WEB  WEB  C.SULLIVAN
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

MATH 11-81725  WEB  WEB  WEB  A.PETERTSON
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

MATH 11-81734  WEB  WEB  WEB  V.TRANG
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

MATH 11-81739  WEB  WEB  WEB  A.PETERTSON
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(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

**MATH 17 DIFF EQ/LINR ALG (5 Units)**

Solutions to first order ordinary differential equations, including separable, linear, homogeneous of degree zero, Bernoulli and exact with applications and numerical methods. Solutions to higher order differential equations using undetermined coefficients, variation of parameters, and power series, with applications. Solutions to linear and non-linear systems of differential equations, including numerical solutions. Matrix algebra, solutions of linear systems of equations, and determinants. Vector spaces, linear independence, basis and dimension, subspace and inner product space, including the Gram-Schmidt procedure. Linear transformations, kernel and range, eigenvalues, eigenvectors, diagonalization and symmetric matrices.

PREREQUISITES: Mathematics 6. (A, CSU-GE, UC, I) (C-ID MATH 240) (C-ID MATH 260) (C-ID MATH 910S)

**Online Class Offering(s)**

| MATH 17-81743 | WEB  | WEB       | WEB           | C.GLAVES         |

(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

**MATH 45 CONTEMP MATH (3 Units)**

This course provides an introduction to mathematical problem solving in diverse areas of contemporary life such as statistics, social choice, measurement, and management science for students in the arts, humanities, and social sciences. PREREQUISITES: Mathematics 103. ADVISORIES: Eligibility for English 125 and 126. (A, CSU-GE, UC)

**Full Term Class Offering(s)**

| MATH 45-81707 | MW   | 11:00am-12:15 | AC1 206       | R.HITCHCOCK     |

(This is an in-person course. Safety guidelines permitting, on-campus face-to-face classes will take place as indicated in the schedule information for this section. If this course is required to return to an online format, students must have the necessary equipment and internet connectivity to attend synchronous [live] online class sessions.)

**Online Class Offering(s)**

| MATH 45-81708 | WEB  | WEB       | WEB           | R.HITCHCOCK     |

| MATH 45-81869 | WEB  | WEB       | WEB           | STAFF           |

(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

**MATH 103 INTER ALGEBRA (5 Units)**
This course will deal with many algebraic concepts, including equations and inequalities in two variables, rational exponents and roots, quadratic functions, exponential and logarithmic functions, and conic sections. PREREQUISITES: Mathematics 201 or equivalent. ADVISORIES: Eligibility for English 126.(A)

**Full Term Class Offering(s)**

MATH 103-81730 TTh 6:00pm-8:20 AC1 106 STAFF
(This is an in-person course. Safety guidelines permitting, on-campus face-to-face classes will take place as indicated in the schedule information for this section. If this course is required to return to an online format, students must have the necessary equipment and internet connectivity to attend synchronous [live] online class sessions.)

**Online Class Offering(s)**

MATH 103-81731 WEB WEB WEB WEB V.TRANG
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
MATH 103-81732 WEB WEB WEB WEB V.TRANG
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
MATH 103-81868 WEB WEB WEB WEB STAFF
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

MATH 201  ELEM ALGEBRA (5 Units)
This is a first course in elementary algebra, including algebraic expressions, linear equations and inequalities, linear equations and inequalities in two variables, exponents and polynomials, factoring, and rational expressions. PREREQUISITES: Mathematics 250 or equivalent. ADVISORIES: Mathematics 256 and eligibility for English 126.

**Full Term Class Offering(s)**

MATH 201-81742 MW 6:00pm-8:20 AC1 106 STAFF
(This is an in-person course. Safety guidelines permitting, on-campus face-to-face classes will take place as indicated in the schedule information for this section. If this course is required to return to an online format, students must have the necessary equipment and internet connectivity to attend synchronous [live] online class sessions.)

**COMMERCIAL MUSIC**

MUSCO 1  Intro to Music Technology (3 Units)
This course examines the terminology, equipment, techniques, and concepts related to music technology from a performance and audio engineering perspective. Students explore the principles and practices of acoustics, MIDI, synthesis, audio recording, and hardware and software systems for music. ADVISORY: Eligibility for English 1A. (A, CSU)

**Online Class Offering(s)**

MUSCO 1-81838 WEB WEB WEB WEB M.HEMBD
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

MUSCO 2A  Electronic Music I (formerly MUS 5, Midi Music Production) (2 Units)
This course introduces the techniques and elements of electronic music production. Topics include synthesis, sampling, and MIDI sequencing. Compositions are expected of students utilizing electronic music techniques. ADVISORIES: Eligibility for English 1A. (A, CSU)

**Online Class Offering(s)**

<table>
<thead>
<tr>
<th>Section Number</th>
<th>Days</th>
<th>Times</th>
<th>Building/Room</th>
<th>Instructor</th>
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</thead>
<tbody>
<tr>
<td>MUSCO 2A-81836</td>
<td>WEB</td>
<td>WEB</td>
<td>WEB</td>
<td>M.HEMBD</td>
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<tr>
<td>and</td>
<td>TBA</td>
<td>TBA</td>
<td>CCC WEB</td>
<td>M.HEMBD</td>
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</tbody>
</table>

(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

**MUSCO 4A  Recording I (formerly MUS 8, Audio Engineering) (3 Units)**

This course is an introduction to audio recording. It covers fundamental concepts and techniques, including basic acoustics, signal flow, microphone principles and usage, studio equipment, signal processing, recording console functions, and multi-track recording procedures. ADVISORY: Eligibility for English 1A. (A, CSU)

**Hybrid Class Offering(s)**

<table>
<thead>
<tr>
<th>Section Number</th>
<th>Days</th>
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<th>Building/Room</th>
<th>Instructor</th>
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</thead>
<tbody>
<tr>
<td>MUSCO 4A-81837</td>
<td>MWF</td>
<td>10:00am-10:50</td>
<td>AC1 108</td>
<td>M.HEMBD</td>
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</table>

(This hybrid class is online for all lecture content between 8/10 - 12/10. Face-to-face labs are required on MWF from 10:00am-10:50am in AC1-108. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

**MUSIC**

**MUS 3  Music Fundamentals (3 Units)**

This course is an introduction to the notation and fundamental theoretical elements of music, emphasizing Western music theory. Students cover a variety of styles, covering pitch and rhythm concepts and structures, basic formal elements, and fundamental musicianship. Development of skills in handwritten notation is expected. In addition, interpreting music, written and aurally, with regard to its broad historical and cultural context is covered. Students critique different musical genres and styles in order to make aesthetic judgments about them by applying criteria from music theory learned in class. ADVISORY: Eligibility for English 1A. (A, CSU)

**Online Class Offering(s)**

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<tr>
<th>Section Number</th>
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<tr>
<td>MUS 3-81834</td>
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</table>

(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

**MUS 12  Music Appreciation (3 Units)**

This course is a survey of art music in western civilization. Topics studied include but are not limited to musical listening, elements of music, basic musical forms, music periods, styles, and the role of music and musicians in the western world. ADVISORIES: Eligibility for English 1A. (A, CSU-GE, UC, I) (C-ID MUS 100)

**Full Term Class Offering(s)**

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<thead>
<tr>
<th>Section Number</th>
<th>Days</th>
<th>Times</th>
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<th>Instructor</th>
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</thead>
<tbody>
<tr>
<td>MUS 12-81903</td>
<td>MW</td>
<td>2:30pm-3:45</td>
<td>AC1 150</td>
<td>M.HEMBD</td>
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(This is an in-person course. Safety guidelines permitting, on-campus face-to-face classes will take place as indicated in the schedule information for this section. If this course is required to return to an online format, students must have the necessary equipment and internet connectivity to attend synchronous [live] online class sessions. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
Online Class Offering(s)
MUS 12-81830 WEB WEB WEB S.HARRIS
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

MUS 12-81831 WEB WEB WEB S.HARRIS
(Dual Enrollment- CCCAP-Clovis Online This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

MUS 16  Jazz Hist & Appr (3 Units)
This course studies the history and development of jazz music in America, emphasizing the contributions of Black & African Americans, Latin Americans, and other global influences. Students practice musical listening skills and develop a descriptive vocabulary to better understand this broad genre of music. The course does not require prior experience in music. ADVISORIES: Eligibility for English 1A. (A, CSU-GE, UC, I)

Online Class Offering(s)
MUS 16-81833 WEB WEB WEB L.LA BARRE
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

MUS 16A  Hip Hop Music and Culture (3 Units)
This course is a survey of Hip Hop, its origins, and influences. Students explore the music, culture, and social impacts of Hip Hop with a focus on the role of Black & African American, Latinx, and Asian American contributions. Students develop a musical vocabulary appropriate to the analysis of Hip Hop and trace its development as a form of human expression. ADVISORY: Eligibility for English 1A. (A, CSU, CSU-GE, UC, I)

Online Class Offering(s)
MUS 16A-81839 WEB WEB WEB M.HEMBD
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

MUS 31  Concert Choir (2 Units)
This course is the study and performance of a wide variety of choral literature from all musical eras, with an emphasis on the development of skills needed to perform within an ensemble. Participation in all performances required. Audition required. No prior experience necessary. PREREQUISITE: Audition. ADVISORY: Eligibility for English 1A. (A, CSU) (C-ID MUS 180)

Hybrid Class Offering(s)
MUS 31-81835 WEB WEB CCC WEB S.HARRIS
and MW 4:00pm-5:15 AC1 175 S.HARRIS
(This hybrid class is online for all lecture content between 8/10 - 12/10. Face-to-face labs are required on MW from 4-5:15pm in AC1-175. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

OCCUPATIONAL THERAPY ASSISTANT

OTA 3  Mgmt of Occupntl Therpy Servic (3 Units)
In this course, the Occupational Therapy Assistant (OTA) student learns principles and techniques of management appropriate to the occupational therapy assistant. Students learns the roles and functions of the supervisor and the supervisee, scheduling, billing, and quality improvement. PREREQUISITES: Enrollment in the Occupational Therapy Assistant program, Occupational Therapy Assistant 2. (A, CSU)
OFFICE TECHNOLOGY

OT 10  MED TERMINOLOGY (3 Units)
This course provides students an opportunity to learn medical vocabulary with concentration on prefixes, suffixes, and root words. Emphasis is given to word dissection and definitions as applied to the body systems including the terminology used in examinations, diagnoses, procedures, laboratory investigations, and medical reports. ADVISORIES: Eligibility for English 125 and 126. (A, CSU)

Online Class Offering(s)
OTA 3-81673 WEB WEB WEB E.DOLIN
(This is a 100% online class. Students that are enrolled must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

PHILOSOPHY

PHIL 1  Intro to Philosophy (3 Units)
This course introduces students to traditional and contemporary views in metaphysics, epistemology, and value-theory. Topics include the sources and limits of knowledge, the nature of reality, the relationship between mind and body, free will and determinism, the existence of God, and the nature of morally right action. Readings include selections drawn from the primary texts of Plato, Aristotle, Aquinas, Descartes, Locke, Berkeley, Hume, or Kant, as well as various twentieth century philosophers. ADVISORIES: English 1A. (A, CSU-GE, UC, I) (C-ID PHIL 100)

Full Term Class Offering(s)
PHIL 1-81394 MWF 12:00pm-12:50 AC1 175 M.STANNARD
(This is an in-person course. Safety guidelines permitting, on-campus face-to-face classes will take place as indicated in the schedule information for this section. If this course is required to return to an online format, students must have the necessary equipment and internet connectivity to attend synchronous [live] online class sessions. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

Online Class Offering(s)
PHIL 1-81393 WEB WEB WEB C.BOGOSIAN
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

PHIL 1-81543 WEB WEB WEB C.BOGOSIAN
Meets from 08/09 to 10/08 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
<table>
<thead>
<tr>
<th>Section Number</th>
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<th>Instructor</th>
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<tr>
<td>PHIL 1C</td>
<td>Ethics (3 Units)</td>
<td>This course examines key ethical theories such as utilitarianism, deontology, and virtue ethics. Major philosophers studied include Aristotle, Kant, and Mill. The course includes application of theories to contemporary moral problems. ADVISORIES: English 1A. (A, CSU-GE, UC, I) (C-ID PHIL 120)</td>
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<tr>
<td>Full Term Class Offering(s)</td>
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<td>TTh 1:00pm-2:15</td>
<td>AC1 175</td>
<td>C.BOOGOSIAN</td>
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<td>This is an in-person course. Safety guidelines permitting, on-campus face-to-face classes will take place as indicated in the schedule information for this section. If this course is required to return to an online format, students must have the necessary equipment and internet connectivity to attend synchronous [live] online class sessions. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.</td>
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<td>Online Class Offering(s)</td>
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<td>This is a 100% online class. Students will be required to attend synchronous (live) online sessions on MWF, 12-12:50pm. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.</td>
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<td>WEB</td>
<td>C.BOOGOSIAN</td>
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<td>Meets from 10/11 to 12/10 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)</td>
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<td>PHIL 2</td>
<td>Critcal Reasoning &amp; Analyt Writ (3 Units)</td>
<td>This is a course designed to develop skills in recognition, analysis, evaluation, and construction of arguments beyond the level achieved in English 1A. Topics include: the distinction between deductive and inductive reasoning identification of formal and informal fallacies structures of valid arguments important arguments of well-known philosophers. The central focus of the course is instruction and practice in the argumentative essay. Students write a minimum of 6,000 words during the course of the semester. PREREQUISITES: English 1A or equivalent. (A, CSU-GE, UC, I)</td>
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<tr>
<td>Full Term Class Offering(s)</td>
<td>PHIL 2-81400</td>
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<td>AC1 175</td>
<td>C.BOOGOSIAN</td>
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<td>This is an in-person course. Safety guidelines permitting, on-campus face-to-face classes will take place as indicated in the schedule information for this section. If this course is required to return to an online format, students must have the necessary equipment and internet connectivity to attend synchronous [live] online class sessions. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.</td>
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<td>PHIL 2-81401</td>
<td>MWF 8:00am-8:50</td>
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<td>This is a 100% online class. Students will be required to attend synchronous (live) online sessions on MWF, 8-8:50am. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.</td>
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<td>PHIL 2-81399</td>
<td>TTh 10:00am-11:15</td>
<td>WEB</td>
<td>M.STANNARD</td>
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<td>This is a 100% online class. Students will be required to attend synchronous (live) online sessions on TTH, 10-11:15am. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.</td>
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### PHIL 4  Intro to Logic (3 Units)
This course is an introduction to basic concepts, methods and principles of correct reasoning, with emphasis on deductive logic. Topics include traditional categorical logic, sentential logic including formal proof techniques, inductive arguments, and informal fallacies. ADVISORIES: English 1A or 1AH. (A, CSU-GE, UC)(C-ID PHIL 110)

**Full Term Class Offering(s)**

<table>
<thead>
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<th>Section Number</th>
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<tbody>
<tr>
<td>PHIL 4-81402</td>
<td>MWF</td>
<td>9:00am-9:50</td>
<td>AC1 181</td>
<td>M.STANNARD</td>
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</tbody>
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(This is an in-person course. Safety guidelines permitting, on-campus face-to-face classes will take place as indicated in the schedule information for this section. If this course is required to return to an online format, students must have the necessary equipment and internet connectivity to attend synchronous [live] online class sessions. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

### PHOTOGRAPHY

### PHOTO 1  Introduction to Digital Photog (3 Units)
Introduction to the processes, principles, and tools of photography. Topics include the development of technical and aesthetic skills, elements of design and composition, camera technology, materials and equipment, and contemporary trends in photography. Introductory level instruction in digital image manipulation software is a component of the course. Students will cultivate intellect, imagination, sensibility, and sensitivity in their creative work and responses to creative work. The photographic medium is understood and approached from a perspective that integrates photography's history, theory, and criticism. ADVISORIES: Eligibility for English 125 and English 126. (A, CSU-GE, UC)

**Online Class Offering(s)**

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<tbody>
<tr>
<td>PHOTO 1-81403</td>
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(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
PHYSICAL EDUCATION

PE 15  WEIGHT TRAINING (1 Units)
A course designed to improve physical fitness levels through resistance training exercises using free/machine weights. The following components of physical fitness will be emphasized: muscular endurance, muscular strength, body composition, flexibility, and cardio-respiratory endurance. (A, CSU, UC)

Online Class Offering(s)
PE 15-81370 WEB WEB WEB J.WHITE
PE 15-81371 WEB WEB WEB E.GONZALEZ
PE 15-81372 WEB WEB WEB M.SPIEGEL
PE 15-81373 WEB WEB WEB J.WHITE

PE 16  Fitness Walking (1 Units)
This course is designed to expose students to the benefits of exercise through fitness walking and to the principles of exercise which will increase cardiovascular conditioning, endurance, flexibility and methods of releasing body tension. (A, CSU, UC)

Full Term Class Offering(s)
PE 16-81375 ARR ARR CCC FIELD C.HORN
PE 16-81374 TTh 10:30am-11:45 CCC FIELD C.ALBERTSON
PE 19  WGHT TRNG & AERO (1 Units)
This course is designed to help students understand, develop, and improve upon all components of physical fitness through resistance and aerobic training, use of free weights, weight machines, and cardio-respiratory equipment. Components of physical fitness which will be emphasized are: muscular endurance, muscular strength, cardio-respiratory endurance, flexibility, and body composition.(A, CSU, UC)

Online Class Offering(s)
PE 19-81376 WEB WEB WEB C.HORN
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

PE 29  YOGA (1 Units)
This course is an introduction to basic yoga practices and principles. Instruction includes classifications of yoga postures as well as guided relaxations and breathing practices. The benefits of yoga include increased flexibility, strength, balance, body awareness and stress reduction. This course is designed for students of all ages and fitness levels.(A, CSU, UC)

Online Class Offering(s)
PE 29-81378 WEB WEB WEB A.STETLER
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

PE 29-81379 WEB WEB WEB A.STETLER
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

PE 29-81380 WEB WEB WEB A.STETLER
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

PE 29-81381 WEB WEB WEB A.STETLER
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

PE 29-81382 WEB WEB WEB C.HORN
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

PE 32B  Competitive Cross-Country (3 Units)
Designed primarily for students possessing the desire, ability, and skills necessary to compete on the intercollegiate level. Prospective participants should confer with the coach of the sport before enrollment. A minimum of 9.5 hours participation per week during the season of the sport normally is required.
PREREQUISITE: Limitation on Enrollment: Performance tryouts. (A,

PE 32B-***** ARR ARR CCC FIELD C.ALBERTSON
(Men's & Women's Cross Country. This is an in-person course. Safety guidelines permitting, on-campus face-to-face classes will take place as indicated in the schedule information for this section. If this course is required to return to an online format, students must have the necessary equipment and internet connectivity to attend synchronous [live] online class sessions. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course. This class requires 9.5 hours by arrangement per week. For further information contact coach at clayton.albertson@cloviscollege.edu.)
PE 36B  COMP SOCCER (3 Units)
This is a course designed for students possessing the desire, ability and skills necessary to compete on the
intercollegiate level. Prospective participants should confer with the soccer coach before enrollment. A
minimum of 9.5 hours participation per week during the season of the sport is required. PREREQUISITES:
Limitation on enrollment: performance tryouts. (A, CSU, UC)
PE 36B-*****  ARR  ARR  CCC FIELD  C.MCCARTY
PE 36B-*****  ARR  ARR  CCC FIELD  O.RAMIREZ
(Men's Soccer. This is an in-person course. Safety guidelines permitting, on-campus face-to-face classes will
take place as indicated in the schedule information for this section. If this course is required to return to an
online format, students must have the necessary equipment and internet connectivity to attend
synchronous [live] online class sessions. Enrolled students must check their Canvas account by the first day
of the semester. Failure to do so may result in the student being dropped from the course. This class
requires 9.5 hours by arrangement per week. For further information contact instructor at

PE 36D  Athletic Recovery (.5 Units)
This course is an introduction to basic athletic recovery techniques including yoga practices and principles
of physical rehabilitation. Instruction includes classifications of yoga postures as well as guided relaxations and
breathing practices. The benefits of yoga and athletic rehabilitation include increased flexibility, strength,
balance, body awareness and stress reduction. This course is designed for students possessing the desire,
ability and skills necessary to compete on the intercollegiate level. LIMITATION ON ENROLLMENT:
Performance Tryouts. (A, CSU, UC)
PE 36D-*****  ARR  ARR  ARR  A.STETLER
(This is an in-person course. Safety guidelines permitting, on-campus face-to-face classes will take place as
indicated in the schedule information for this section. If this course is required to return to an online format,
students must have the necessary equipment and internet connectivity to attend synchronous [live] online
class sessions. Enrolled students must check their Canvas account by the first day of the semester. Failure to
do so may result in the student being dropped from the course. This class requires 1.5 hours by arrangement
per week.)

PE 43C  OFF-SEASON SWIM (1 Units)
This is a course for off-season conditioning for collegiate swimmers. Swimming workouts, technique drills,
dry land exercises and goal setting will be done in this class. LIMITATION ON ENROLLMENT: Performance
Tryouts.(A, CSU)
PE 43C-*****  ARR  ARR  CNHS POOL  P.KARKOSKA
(This is an in-person course. Safety guidelines permitting, on-campus face-to-face classes will take place as
indicated in the schedule information for this section. If this course is required to return to an online format,
students must have the necessary equipment and internet connectivity to attend synchronous [live] online
class sessions. Enrolled students must check their Canvas account by the first day of the semester. Failure to
do so may result in the student being dropped from the course. This class requires 3.8 hours by arrangement
per week.)
PE 45  PERFORMANCE TRNG (1 Units)
Resistance training for intercollegiate athletes. ADVISORIES: Eligibility for English 126. LIMITATION ON ENROLLMENT:
Students in this course must perform and compete at the intercollegiate level. Course is for intercollegiate athletes.(A, CSU)

PE 45-***** ARR ARR ARR O.RAMIREZ
(PE 45-***** ARR ARR ARR STAFF)
(Women's Soccer Team. This is an in-person course. Safety guidelines permitting, on-campus face-to-face classes will take place as indicated in the schedule information for this section. If this course is required to return to an online format, students must have the necessary equipment and internet connectivity to attend synchronous [live] online class sessions. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course. This class requires 3 hours by arrangement per week. For further information contact athletic counselor at karie.hannigan@cloviscollege.edu or [559]325-5230.)

PE 49  WEIGHT TRN/ATHLETE (1 Units)
This is an advanced course designed for weight training student athletes. Students will design a weight training program specific to their collegiate sport. Students will improve physical fitness levels through resistance training exercises using free/machine weights. The following components of physical fitness will be emphasized: muscular endurance, muscular strength, body composition, flexibility, and cardio-respiratory endurance. LIMITATION ON ENROLLMENT: Must be a collegiate athlete, have permission of coach. This class will be organized to sports specific weight training.(A, CSU)

PE 49-***** ARR ARR ARR C.MCCARTY
(Men's Soccer Team. This is an in-person course. Safety guidelines permitting, on-campus face-to-face classes will take place as indicated in the schedule information for this section. If this course is required to return to an online format, students must have the necessary equipment and internet connectivity to attend synchronous [live] online class sessions. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course. This class requires 3 hours by arrangement per week. For further information contact the instructor at chad.mccarty@cloviscollege.edu.)

PE 49A  BEG CIRCUIT TRNG (1 Units)
This class uses a variety of aerobic and strength training activities to improve cardio-respiratory endurance and muscular endurance. Circuit machines used include cycling and weight training equipment. Emphasis will be placed on monitoring physiological response to exercise and teaching proper stretching, warm-up, training at target rate, and warm down methods. A pre-test and post test will be administered to evaluate fitness level and monitor improvement. (A, CSU, UC)

Online Class Offering(s)
PE 49A-81392 WEB WEB WEB C.HORN
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
PHYSICS

PHYS 2A  GENERAL PHYS I (4 Units)
The topics covered in this course include mechanics, properties of matter, heat, sound and waves.
PREREQUISITES: Mathematics 4A, 4C, or equivalent. ADVISORIES: Eligibility for English 1A. (A, CSU-GE, UC, I) (C-ID PHYS 105)(C-ID PHYS 100S: PHYS 2A + PHYS 2B)

Online Class Offering(s)
PHYS 2A-81148  MWF  12:30pm-1:40  WEB  N.INAN
and  T  8:00am-9:50  CC WEB  N.INAN
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

PHYS 2B  GENERAL PHYS II (4 Units)
The topics covered in this course include electricity, magnetism, light, atomic and nuclear physics.

Online Class Offering(s)
PHYS 2B-81150  MW  9:00am-10:50  WEB  N.INAN
and  F  9:00am-11:05  CC WEB  N.INAN
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

PHYS 4A  PHYS SCIEN/ENGR (4 Units)
The topics covered in this course include: classical mechanics, properties of matter, gravitation, fluid mechanics, oscillatory motion and mechanical waves. COREQUISITES: Mathematics 5B. ADVISORIES: Eligibility for English 1A. (A, CSU-GE, UC, I) (C-ID PHYS 205) (C-ID PHYS 200S: PHYS 4A + PHYS 4B + PHYS 4C)

Hybrid Class Offering(s)
PHYS 4A-81151  MWF  11:15am-12:25  CCC WEB  A.ABBOTT
and  Th  7:45am-10:50  AC1 208  A.ABBOTT
(This hybrid class is online for all lecture content between 8/9 - 12/10. Face-to-face labs are required on a weekly basis at the times listed. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

PHYS 4B  PHYS SCIEN/ENGR (4 Units)
The topics covered in this course include: Mechanical waves, Thermodynamics, electricity, magnetism.

Hybrid Class Offering(s)
PHYS 4B-81152  MWF  10:00am-11:10  CCC WEB  A.ABBOTT
and  Th  1:00pm-2:50  AC1 208A A.ABBOTT
(This hybrid class is online for all lecture content between 8/9 - 12/10. Face-to-face labs are required on a weekly basis at the times listed. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
PHYS 4C  PHYS SCIEN/ENGR (4 Units)
This course covers the topics of: electromagnetic waves, optics, and modern physics, condensed matter and nuclear physics. PREREQUISITES: Physics 4B. ADVISORIES: Mathematics 7 and eligibility for English 1A. (A, CSU-GE, UC, I) (C-ID PHYS 215) (C-ID PHYS 200: PHYS 4A + PHYS 4B + PHYS 4C)

Hybrid Class Offering(s)
PHYS 4C-81153 MWF 8:40am-9:50 CC WEB A.ABBOTT and T 12:00pm-1:50 AC1 208 A.ABBOTT
(This hybrid class is online for all lecture content between 8/9 - 12/10. Face-to-face labs are required on a weekly basis at the times listed. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

POLITICAL SCIENCE

POLSCI 2  AMERICAN GOV (3 Units)
The field of American politics deals with the organization, distribution and orientation of political power in American society. This course surveys the processes and institutions of United States national, state and local politics. Among the topics discussed are individual political attitudes and values, political participation, voting, parties, interest groups, Congress, the presidency, Supreme Court, the federal bureaucracy, civil liberties and civil rights, and domestic and foreign policy making. Attention is paid both to the present state of the American political system and to its historical roots. PREREQUISITES: Eligibility for English 1A or 1AH. (A, CSU-GE, UC, I) (C-ID POLS 110)

Full Term Class Offering(s)
POLSCI 2-81412 W 6:00pm-8:50 AC1 175 J.SHURLEY
(This is an in-person course. Safety guidelines permitting, on-campus face-to-face classes will take place as indicated in the schedule information for this section. If this course is required to return to an online format, students must have the necessary equipment and internet connectivity to attend synchronous [live] online class sessions. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

Online Class Offering(s)
POLSCI 2-81409 WEB WEB WEB WEB L.BROWN
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
POLSCI 2-81410 WEB WEB WEB WEB C.SAMUELS
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
POLSCI 2-81411 WEB WEB WEB WEB C.SAMUELS course.
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
POLSCI 2-81413 WEB WEB WEB WEB S.JACKSON-YBARRA
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
POLSCI 2-81415 WEB WEB WEB WEB J.SHURLEY
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
POLSCI 2-81416 WEB WEB WEB WEB S.JACKSON-YBARRA
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
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<td>(This is a 100% online class. Students will be required to attend synchronous (live) online sessions on MW, 10-11:15am. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)</td>
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**POLSCI 2H  HON AMERICAN GOV (3 Units)**
This course surveys the processes and institutions of United States national, state and local politics. Among the topics discussed are individual political attitudes and values, political participation, voting, parties, interest groups, Congress, the presidency, Supreme Court, the federal bureaucracy, civil liberties and civil rights, and domestic and foreign policy making. As an honors section, the class will be conducted as a seminar with individual projects, papers, and presentations. With History 11 or History 12, this course meets the American Institutions requirement to state universities. PREREQUISITES: Eligibility for English 1A or 1AH and enrollment in the Honors Program. (A, CSU-GE, UC, I)(C-ID POLS 110)

**Online Class Offering(s)**
POLSCI 2H-***** WEB WEB WEB L.BROWN
(Advisory: This class is reserved for students who have been accepted into the Honors Program. Interested students are encouraged to contact Tasha Hutchings at [559] 325-5304. This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

**POLSCI 3  POLITICAL THEORY (3 Units)**
This course is an introduction to the various approaches to political theory across time, issues, and authors. Students will analyze selected political theories, consider the relevance of these theories to contemporary problems, discuss new approaches to political thought, and evaluate the contribution of theories toward a comprehensive understanding of political life and political institutions. PREREQUISITES: Completion of Political Science 2. ADVISORIES: Eligibility for English 1A. (A, CSU-GE, UC) (C-ID

**Online Class Offering(s)**
POLSCI 3-81423 WEB WEB WEB S.JACKSON-YBARRA
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
POLSCI 5  COMPAR GOVERNMT (3 Units)
This course provides an introduction to the basic workings of various political systems throughout the world, with an emphasis on both the formal (i.e., governmental institutions, political processes) and informal (i.e., cultural exchanges) dimensions of politics. Students will engage in comparisons of these political systems using some of the basic concepts of political analysis. PREREQUISITES: Completion of Political Science 2 or 2H. (A, CSU, UC, I)(C-ID POLS 130)

Online Class Offering(s)
POLSCI 5-81424 WEB WEB WEB L.BROWN
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

POLSCI 24  INTERN RELATIONS (3 Units)
The course provides an introduction to international relations theories through a study of political, economic, historical, geographic and sociological variables as they influence relations among states, international and transnational organizations, and other non-state actors. The relationship between these theories and significant current international events will then be examined. Emphasis will be placed on the interdependence of nations in the modern world, and the links between local and international communities in an era of contemporary economic and cultural globalization. PREREQUISITES: Completion of Political Science 2. (A, CSU-GE)(C-ID POLS 140)

Online Class Offering(s)
POLSIC 24-81421 WEB WEB WEB C.SAMUELS
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

PSYCHOLOGY
PSY 2  Gen Psychology (3 Units)
This course presents an overview of psychology, a field that emphasizes the scientific study of human behavior and mental processes. The content focuses on major psychological theories and concepts, methods, research findings, and real-world applications in psychology. Topics include history, methodology, biopsychology, lifespan development, sensation and perception, consciousness and altered states, learning and memory, cognition and language, intelligence, motivation and emotion, personality, psychopathology and therapy, stress and health, social psychology, and cultural influences. ADVISORIES: Eligibility for English 1A. (A, CSU-GE, UC, I) (C-ID PSY 110)

Full Term Class Offering(s)
PSY 2-81904 TTh 11:00am-12:15 AC1 150 D.SCHOENBURG
(This is an in-person course. Safety guidelines permitting, on-campus face-to-face classes will take place as indicated in the schedule information for this section. If this course is required to return to an online format, students must have the necessary equipment and internet connectivity to attend synchronous [live] online class sessions. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

Online Class Offering(s)
PSY 2-81501 WEB WEB WEB V.AGUIRRE
Meets from 09/20 to 12/10 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
PSY 2-81428 WEB WEB WEB M.MCCREADY
(CCCAP-CNHS This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
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<th>Section Number</th>
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<td>(CCCAP-BHS/CWHS This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)</td>
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<td>PSY 2-81499</td>
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<td>(Dual Enrollment-Sierra Charter. This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)</td>
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</table>
PSY 2H  Hon Gen Psychology (3 Units)
This course presents an overview of psychology, a field that emphasizes the scientific study of human behavior and mental processes. The content focuses on major psychological theories and concepts, methods, research findings, and real-world applications in psychology. Topics include history, methodology, biopsychology, lifespan development, sensation and perception, consciousness and altered states, learning and memory, cognition and language, intelligence, motivation and emotion, personality, psychopathology and therapy, stress and health, social psychology, and cultural influences. ADVISORIES: Eligibility for English 1A or English 1AH. (A, CSU-GE, UC, I) (C-ID PSY 110)

Online Class Offering(s)
PSY 2H-***** WEB WEB WEB D.SCHOENBURG
(Advisory: This class is reserved for students who have been accepted into the Honors Program. Interested students are encouraged to contact Tasha Hutchings at (559) 325-5304. This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

PSY 5  Social Psychology (3 Units)
This course focuses on a systematic analysis of the social determinants of behavior and mental processes related to the social environment. Emphasis is on the perception of ourselves and others attitudes and attitude changes social cognition roles compliance, conformity and obedience the power of the situation attraction aggression altruism prejudice and stereotypes gender roles, cultural norms group phenomena and applied social psychology. ADVISORIES: Eligibility for English 1A. (A, CSU-GE, UC, I) (C-ID PSY 170)

Online Class Offering(s)
PSY 5-81448 WEB WEB WEB C.WALKER
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
PSY 5-81504 WEB WEB WEB V.AGUIRRE
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
PSY 5-81851 WEB WEB WEB A.SHAVER
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

PSY 16  Abnormal Psy (3 Units)
This course introduces the scientific study of psychopathology and atypical behaviors, broadly defined. Students investigate abnormal behavior from a variety of perspectives including biological, psychological, and sociocultural approaches. An integrative survey of theory and research in abnormal behavior, including intervention and prevention strategies for psychological disorders. ADVISORIES: Psychology 2 or Psychology 2H and eligibility for English 1A. (A, CSU-GE, UC, I) (C-ID PSY 120)

Full Term Class Offering(s)
PSY 16-81427 MW 12:00pm-1:15 AC1 275 C.WALKER
(This is an in-person course. Safety guidelines permitting, on-campus face-to-face classes will take place as indicated in the schedule information for this section. If this course is required to return to an online format, students must have the necessary equipment and internet connectivity to attend synchronous [live] online class sessions. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
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(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

### PSY 25 Human Sexuality (3 Units)

This course is an introductory overview of the field of human sexuality. Human sexuality will be examined from psychological, biological, sociocultural, and historical perspectives. Students will examine their own sexual attitudes, values, and behaviors to evaluate the consistency of their behaviors within their own moral frameworks. Current sex norms and various aspects of interpersonal and individual sexual adjustment will be explored. Topics will include the anatomy and physiology of sex, sex within relationships, alternative lifestyles, fertility management, contraception, sexual dysfunction, and social roles/attitudes. Destructive sexual behavior, rape and incest, paraphilias, and other sensitive subjects will be presented in an explicit and scientific ADVISORIES: Psychology 2, eligibility for English 1A. (A, CSU-GE, UC) (C-ID PSY 130)

### Full Term Class Offering(s)

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(This is an in-person course. Safety guidelines permitting, on-campus face-to-face classes will take place as indicated in the schedule information for this section. If this course is required to return to an online format, students must have the necessary equipment and internet connectivity to attend synchronous [live] online class sessions. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

### Online Class Offering(s)

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<th>Section Number</th>
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<tbody>
<tr>
<td>PSY 25-81437</td>
<td>WEB</td>
<td>WEB</td>
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<td>D.DUFFY</td>
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(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

### PSY 36 Intro to Biological Psychology (3 Units)

This course introduces the scientific study of the biological bases of behavior and its fundamental role in the neurosciences. Physiological, hormonal, and neurochemical mechanisms, and brain-behavior relationships underlying the psychological phenomena of sensation, perception, regulatory processes, emotion, learning, memory, and psychological disorders will be addressed. The course also notes historical scientific contributions and current research principles for studying brain-behavior relationships and mental processes. Ethical standards for human and animal research are discussed in the context of both invasive and non-invasive experimental research. PREREQUISITE: Psychology 2 or Psychology 2H. (A, CSU, CSU-GE, UC, I)
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<tr>
<td>PSY 36-81441</td>
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<td>WEB</td>
<td>D.SCHOENBURG</td>
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(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

**PSY 38  LIFESPAN DEVELOP (3 Units)**
Basic theories, research concepts, and principles of physical, cognitive and psychosocial development, including biological and environmental influences, will be explored with a focus on each major stage of life from conception to death. This course is designed to promote critical self-understanding. Students will apply developmental theory to major topics, including developmental problems, that occur throughout one’s lifespan. ADVISORIES: Eligibility for English 1A. (A, CSU-GE, UC, I) (C-ID

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<td>T.MATTHEWS</td>
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(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

**PSY 45  PSY RESEARCH METH (3 Units)**
This course surveys psychological research methods. An emphasis is placed on research design, descriptive techniques, experimental procedures, and the characteristics of valid assessment tools. The course also focuses on the collection, analysis, interpretation, and reporting of research data. Cultural considerations and the ethics of research with human and animal participants will be included. The course is designed for psychology majors and others who require familiarity with such research techniques. PREQUISITES: Psychology 2 or 2H, and Mathematics 11 or 11H or Statistics 7. ADVISORIES: English 1A or 1AH.(A, CSU-GE, UC, I) (C-ID PSY 200)

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**REHABILITATION TECHNICIAN**

**REHT 111 Rehabilitation Aide (4 Units)**
This course is designed to prepare for a career as an entry-level rehabilitation aide. Instruction will include an introduction to patient care, basic treatment techniques for the rehabilitation aide, current health care topics, and administrative skills. ADVISORIES: Office Technology 10 and Health Care Ancillaries 5. (A)

**Online Class Offering(s)**

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<td>STAFF</td>
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(This is a 100% online class. Students that are enrolled must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

**SCIENCE**

**SCI 1A INT CHEM/PHYS SCI (4 Units)**
This course provides an investigation of basic principles of physics and chemistry including matter, physical and chemical properties, energy, motion, light, atomic structure, bonding, solutions and chemical reactions. The inter-dependence of chemistry and physics will be emphasized. This course is intended for non-science majors. PREREQUISITES: Satisfaction of the CSU system General Education Quantitative Reasoning Requirement (CSU-GE Area B4). ADVISORIES: Eligibility for English 1A or 1AH. (A, CSU-GE, UC, I) (C-ID CHEM 140) (C-ID PHYS 140)

**Online Class Offering(s)**

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<td>WEB</td>
<td>C.VAN DEGRIFT</td>
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<tr>
<td>and</td>
<td>W</td>
<td>3:30pm-6:20</td>
<td>CCC WEB</td>
<td>C.VAN DEGRIFT</td>
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<tr>
<td>and</td>
<td>M</td>
<td>3:20pm-6:25</td>
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<td>C.VAN DEGRIFT</td>
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(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

**SOCIOLGY**

**SOC 1A Introduction to Sociology (3 Units)**
Sociology 1 A promotes the understanding of society and how it works. It also examines how society affects individuals and how individuals affect society. Major topics include culture, socialization, social problems, and social change. ADVISORIES: Eligibility for English 1A. (A, CSU-GE, UC, I) (C-ID SOCI 110)

**Full Term Class Offering(s)**

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<td>AC1 150</td>
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(This is an in-person course. Safety guidelines permitting, on-campus face-to-face classes will take place as indicated in the schedule information for this section. If this course is required to return to an online format, students must have the necessary equipment and internet connectivity to attend synchronous [live] online class sessions. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
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<td>(CCCAP-CNHS) This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)</td>
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<td>(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)</td>
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<td>(Dual Enrollment-Sierra High School - CCCAP-BHS/CWHS. This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)</td>
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<td>SOC 1A-81848</td>
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<td>WEB</td>
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<td>(CCCAP-CNHS) This is a 100% online class. Students will be required to attend synchronous (live) online sessions on MWF, 8-8:50am. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)</td>
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Critical thinking is an important component of sociology the sociological imagination requires us to step back, to ask questions, and to evaluate evidence. This class explores some of the major social problems and social issues experienced by society today. In the study of social problems, this course utilizes both inductive and deductive forms of reasoning, including identifying formal and informal fallacies and analyzes the evidence on which conclusions are based. The application of critical thinking strengthens and heightens the social awareness of students concerning major social problems today. ADVISORIES: Eligibility for English 1A Sociology 1A. (A, CSU-GE, I) (C-ID SOCI 115)

Online Class Offering(s)
SOC 1B-81457 WEB WEB WEB R.HUIGEN
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

This class is a multidisciplinary study of ethnic and racial groups in the United States. Special emphasis is placed on the socio-historical, demographic, sociological, and social psychological aspects of African, Asian, Latino, Native American, White ethnic, and other minority groups. ADVISORIES: Eligibility for English 1A. (A, CSU-GE, UC, I) (C-ID SOCI 150)

Online Class Offering(s)
SOC 2-81862 WEB WEB WEB R.HUIGEN
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

Interdisciplinary study of race, ethnicity, gender and class in the United States. Students examine social justice movements in relation to racial and ethnic groups, gender and class in the United States to provide a basis for a better understanding of the socio-economic, cultural, and political conditions among key social groups. ADVISORY: Eligibility for English 1A. (A, CSU, CSU-GE, UC, I) (C-ID SJS 110)

Online Class Offering(s)
SOC 3-81459 WEB WEB WEB R.HUIGEN
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

This course explores the social construct of feminine and masculine identities both historically and in cross-cultural contexts. Issues regarding gender socialization in both macro and micro levels will be examined. The class will analyze the impact of social, economic, and political changes on gender expectations and practices. ADVISORY: Eligibility for English 1A. (A, CSU, CSU-GE, UC, I)

Full Term Class Offering(s)
SOC 11-81449 MW 11:00am-12:15 AC1 241 S.RANGANATHAN
(This is an in-person course. Safety guidelines permitting, on-campus face-to-face classes will take place as indicated in the schedule information for this section. If this course is required to return to an online format, students must have the necessary equipment and internet connectivity to attend synchronous [live] online class sessions. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
SOC 32  Court/Marriage/Divorce (3 Units)
Sociology 32 is the introduction to the principles of marriage and family relationships, including love, courtship, mate selection, marriage, sexuality, family planning, pregnancy and childbirth, sexually transmitted diseases, family conflict, conflict resolution, communication skills, divorced families, step-families, aging, and widowhood. ADVISORIES: Eligibility for English 1A. (A, CSU-GE, UC) (C-ID SOCI 130)

Online Class Offering(s)
SOC 32-81863 WEB WEB WEB S.RANGANATHAN
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

SPANISH

SPAN 1 BEGIN SPANISH (5 Units)
This beginning course in conversational and written Spanish for non-native speakers is intended for students without previous exposure to Spanish. The topics covered in this course include introduction to pronunciation, vocabulary, idioms, grammar, basic composition, and exploration of the cultures of Spain, Latin America and Hispanic cultures of the U.S. ADVISORIES: Eligibility for English 1A. (A, CSU, CSU-GE, UC, I)(C-ID SPAN 100)

Online Class Offering(s)
SPAN 1-81461 WEB WEB WEB D.GUTIERREZ
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
SPAN 1-81462 WEB WEB WEB D.GUTIERREZ
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
SPAN 1-81463 WEB WEB WEB E.GALINDO
(Dual Enrollment-Sierra Charter This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
SPAN 1-81465 WEB WEB WEB D.GUTIERREZ
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
SPAN 1-81464 MW 6:00pm-8:20 WEB D.MACIAS SANCHEZ
(Dual Enrollment-Sierra Charter This is a 100% online class. Students will be required to attend synchronous (live) online sessions on MW, 6-8:20pm. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

SPAN 2 HIGH-BEG SPANISH (5 Units)
This second-semester course in conversational and written Spanish course is for non-native speakers. There is development of grammatical structures, expansion of vocabulary and further study of the cultures of Spain, Latin America and Hispanic cultures of the U.S. Introduction to the literary text. PREREQUISITES: Spanish 1, or 2 years of high school Spanish, or the equivalent skill level as determined by instructor. ADVISORIES: Eligibility for English 1A. (A, CSU, CSU-GE, UC, I)(C-ID SPAN 110)
Online Class Offering(s)
SPAN 2-81466  WEB  WEB  WEB  D.GUTIERREZ
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
SPAN 2-81467  WEB  WEB  WEB  E.GALINDO
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

SPAN 3  INTER SPANISH (5 Units)
This third-semester course in conversational and written Spanish is for non-native speakers. There is review of basic grammar, further development of oral skills and grammatical structures, continued expansion of vocabulary, composition and discussion of short literary texts and an increased emphasis on reading and writing as tools in exploring the cultures of Spain and Latin America and the Hispanic cultures of the U.S. ADVISORIES: Eligibility for English 1A. (A, CSU, CSU-GE, UC, I) (C-ID SPAN 200)

Online Class Offering(s)
SPAN 3-81468  TTh  6:00pm-8:20  WEB  D.MACIAS SANCHEZ
(This is a 100% online class. Students will be required to attend synchronous (live) online sessions on TTH, 6-8:20pm. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

STATISTICS

STAT 7  Elementary Statistics (4 Units)
This course provides an introduction to statistical methods and techniques for business and behavioral/social science majors. Topics include: Data collection and analysis measures of central tendency and variability probability theory discrete and continuous distributions sampling theory and estimation hypothesis testing correlation/regression analysis time series analysis and index numbers. This course meets the business major requirements for students transferring to Cal State University, Fresno. PREREQUISITES: Mathematics 103 or two years high school algebra. ADVISORIES: Eligibility for English 1A. (A, CSU-GE, UC, I)(C-ID MATH 110)

Full Term Class Offering(s)
STAT 7-81777  TTh  10:30am-12:20  AC2 179  R.WELK
(This is an in-person course. Safety guidelines permitting, on-campus face-to-face classes will take place as indicated in the schedule information for this section. If this course is required to return to an online format, students must have the necessary equipment and internet connectivity to attend synchronous [live] online class sessions. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
STAT 7-81776  TTh  1:00pm-2:50  AC2 179  R.WELK
(This is an in-person course. Safety guidelines permitting, on-campus face-to-face classes will take place as indicated in the schedule information for this section. If this course is required to return to an online format, students must have the necessary equipment and internet connectivity to attend synchronous [live] online class sessions. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

Online Class Offering(s)
STAT 7-81780  WEB  WEB  WEB  STAFF
Meets from 09/20 to 12/10 (This is a 100% online class. Students that are enrolled must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

**STAT 7-81779 WEB WEB WEB C.ELM**

(This is a 100% online class. Students that are enrolled must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

**STAT 7-81781 WEB WEB WEB C.ELM**

(This is a 100% online class. Students that are enrolled must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

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**WATER TREATMENT & DISTRIBUTION**

**WTD 106  BAS WSTWTR TRTMNT (3 Units)**
Knowledge and skills required to effectively operate and maintain wastewater treatment facilities prepares students to take the State Water Resources Control Board (SWRCB) Grade II Certificate Exam. ADVISORIES: Eligibility for English 1A and Mathematics 201. (A)

**Online Class Offering(s)**

<table>
<thead>
<tr>
<th>Section Number</th>
<th>Days</th>
<th>Times</th>
<th>Building/Room</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>WTD 106-81621</td>
<td>TTh</td>
<td>6:00pm-7:15</td>
<td>WEB</td>
<td>M.AGUILAR</td>
</tr>
</tbody>
</table>

(Concurrent enrollment with WTD-114-81622 is highly recommended. This is a 100% online class. Synchronous (live) online instruction will be available during Tuesday and Thursday 6:00 - 7:15pm. Students who cannot attend the synchronous (live) lecture will be able to view a recording of the live session. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

**WTD 114  WATER MATH (3 Units)**
The course is recommended for current enrollees in wastewater technology course(s) the course covers math required to solve problems commonly encountered in wastewater technology. State regulations require that wastewater plants be operated by certified operators who have passed the Wastewater Treatment Operator certification exam. There are different grade operator certifications and the exams are weighted heavily with water math. ADVISORIES: Mathematics 201. (A)

**Online Class Offering(s)**

<table>
<thead>
<tr>
<th>Section Number</th>
<th>Days</th>
<th>Times</th>
<th>Building/Room</th>
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<tbody>
<tr>
<td>WTD 114-81622</td>
<td>TTh</td>
<td>7:30pm-8:45</td>
<td>WEB</td>
<td>A.HATAI</td>
</tr>
</tbody>
</table>

(Concurrent enrollment with WTD-106-81621 is highly recommended. This is a 100% online class. Synchronous (live) online instruction will be available during Tuesday and Thursday 7:30 - 8:45pm. Students who cannot attend the synchronous (live) lecture will be able to view a recording of the live session. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
FALL 2021 – HERNDON CAMPUS FULL-TERM, SHORT-TERM, AND EVENING CLASSES

Please note: the class schedule is subject to change.
Please check WebAdvisor for the most current class offerings.

ACCOUNTING

ACCTG 4A  FINANCIAL ACCTG (4 Units)
This course covers the accounting information system, examining why it is important and how it is used by investors, creditors, and others to make decisions. It includes recording and reporting of business transactions with a focus on the accounting cycle, and the application of generally accepted accounting principles for the preparation of financial statements. This course includes issues relating to asset, liability, equity valuation, revenue and expense recognition, cash flow, internal control and ethics. ADVISORIES: Accounting 40, eligibility for English 125, 126, and Mathematics 201 (A, CSU, UC) (C-ID ACCT 110)

Full Term Class Offering(s)
ACCTG 4A-81815  M  8:00am-10:20  HC 308  P.FREDIERE
and
W  8:00am-9:20  HC 308  P.FREDIERE
and
W  9:30am-10:20  HC 308  P.FREDIERE
(This is an in-person course. Safety guidelines permitting, on-campus face-to-face classes will take place as indicated in the schedule information for this section. If this course is required to return to an online format, students must have the necessary equipment and internet connectivity to attend synchronous [live] online class sessions. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

ACCTG 4B  MANAGERIAL ACCTG (4 Units)
This course is a study of how managers use accounting information in decision-making, planning, directing operations and controlling. Focuses on cost terms and concepts, cost behavior, cost structure and cost-volume-profit analysis. Includes issues of cost systems, cost control, profit planning, and performance analysis in manufacturing and service environments. PREREQUISITES: Accounting 4A. ADVISORIES: Accounting 40, eligibility for English 125, 126, and Mathematics 201. (A, CSU, UC) (C-ID ACCT 120)

Full Term Class Offering(s)
ACCTG 4B-81880  M  11:30am-1:50  HC 308  P.FREDIERE
and
W  11:30am-12:50  HC 308  P.FREDIERE
and
W  1:00pm-1:50  HC 308  P.FREDIERE
(This is an in-person course. Safety guidelines permitting, on-campus face-to-face classes will take place as indicated in the schedule information for this section. If this course is required to return to an online format, students must have the necessary equipment and internet connectivity to attend synchronous [live] online class sessions. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
HEALTH CARE ANCILLARIES

HCA 5  Intro to Health Care & Careers (3 Units)
This course is designed to prepare for a career in health care. It provides an overview of health care and examines various health care careers and their contribution to community vitality. This class assists the student in decision-making skills for future careers in health care. Students will learn basic life skills from the American Heart Association. ADVISORIES: Eligibility for English 125 and English 126, and Mathematics 250. (A, CSU)

Short Term Class Offering(s)
HCA 5-81614  TTh  6:00pm-8:50  HC 104  D.PAVLOVICH
Meets from 08/10 to 10/07 (Dual Enrollment. This is an in-person course. Safety guidelines permitting, on-campus face-to-face classes will take place as indicated in the schedule information for this section. If this course is required to return to an online format, students must have the necessary equipment and internet connectivity to attend synchronous [live] online class sessions. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)

MECHATRONICS & INDUSTRIAL AUTOMATION

MECH 3  Electricity and Electronics (4 Units)
Introduction to electricity and electronics including basic components, electronic circuit calculations, basic electronic test equipment use, electrical measurement, relays and ladder diagrams, alternating current (AC) circuits, and electronic schematic diagrams. ADVISORIES: Eligibility for English 1A and Mathematics 4A.(A, CSU-GE)

Full Term Class Offering(s)
MECH 3-81615  TTh  1:00pm-2:15  HC 310  M.GRAFF
and  TTh  2:25pm-3:45  HC 310  M.GRAFF
(This is a face-to-face course.)

MECH 5  Programmable Logic Controllers (3 Units)
The function and application of programmable logic controllers. Students learn ladder programming of Programmable Logic Controllers (PLCs). Topics covered include bit-level input and output instructions, timers, counters, latches, documentation, and troubleshooting. ADVISORIES: Eligibility for English 1A and Mathematics 4A.(A, CSU-GE)

Full Term Class Offering(s)
MECH 5-81618  M  9:30am-10:20  HC 310  M.GRAFF
and  M  10:30am-12:55  HC 310  M.GRAFF
and  W  9:30am-12:55  HC 310  M.GRAFF
(This is a face-to-face course.)

MECH 19V  Coop Wk Exp, Mech/Indus Autom (1-8 Units)
Supervised employment, directly related to the student's major in Mechatronics / Industrial Automation. Students earn units using the following formula: for paid work, 75 hours = 1 unit for volunteer work, 60 hours = 1 unit. Students may enroll for a maximum of 8 units per semester. Students may earn a total of 16 units in work experience of which only 6 may be in COTR 19G. Note: Repetition of Cooperative Work Experience courses is allowable under Title 5, §55253. (A)

Online Class Offering(s)
MECH 19V-81609  WEB  WEB  WEB  M.GRAFF
Meets from 08/23 to 12/10 Students are required to attend the following online orientation meeting: Friday, 08/25 from 11:00-11:50am. Students that are enrolled must check their Canvas account by the first day of class. Students must be employed to enroll in and complete the class. Zoom meeting links will be posted in Canvas.

**MECH 23 Instrumenta and Process Contro (3 Units)**
Basic principles of process instrumentation and control. Topics include: level, pressure, flow, and thermal measurement, final control elements, piping and instrument diagrams and tags, PID controller programming, data collection, and basic control algorithms. **PREREQUISITES:** Mechatronics 3 and Mechatronics 5. **COREQUISITE:** Mechatronics 4. (A, CSU-GE)

**Full Term Class Offering(s)**
- MECH 23-81617 MW 2:30pm-3:20 HC 310 M.GRAFF
- and MW 3:30pm-4:45 HC 310 M.GRAFF
(This is a face-to-face course.)

**MECH 35 Industrl Communic Networks (3 Units)**
Fundamentals of industrial communication networks including: EtherNet/IP & TCP/IP operations, setting IP addresses, remote I/O network operation/configuration/tags, and troubleshooting. **PREREQUISITE:** Mechatronics 5. (A, CSU-GE)

**Full Term Class Offering(s)**
- MECH 35-81616 T 6:30pm-8:20 HC 310 J.RATTO
- and Th 5:30pm-8:35 HC 310 J.RATTO
(This is a face-to-face course.)

**OCCUPATIONAL THERAPY ASSISTANT**

**OTA 4 Contemp Mdlsls and Emrg Pr in Ot (1 Units)**
In this course, the Occupational Therapy Assistant (OTA) student learns about practice opportunities in the community and non-traditional settings, and identifies emerging areas of practice. **PREREQUISITE:** Enrollment in the Occupational Therapy Assistant program. (A, CSU)

**Full Term Class Offering(s)**
- OTA 4-81674 M 5:00pm-5:50 HC 308 E.DOLIN

**OTA 6 Clin Reasn and Elect Doc in Ot (1 Units)**
In this course, the Occupational Therapy Assistant (OTA) student continue to develop clinical reasoning in clinical documentation, learn various documentation formats as required by different treatment settings and reimbursement systems and are introduced to the use of electronic medical record (EMR) for preparation for fieldwork. **PREREQUISITES:** Enrollment in the Occupational Therapy Assistant program Occupational Therapy Assistant 5. **CO-REQUISITE:** Occupational Therapy Assistant

**Full Term Class Offering(s)**
- OTA 6-81675 W 5:00pm-5:50 HC 308 D.PAVLOVICH

**OTA 40 Thry & Proc in Phys Dys (4 Units)**
In this course the Occupational Therapy Assistant (OTA) student learns about working with individuals with cardiovascular, pulmonary, neurology, and musculoskeletal disorders. The student learns the scope of occupational therapy, types of practice settings, common frames of references, intervention strategies,
standardized tests, and the role of the OTA in physical dysfunction. PREREQUISITE: Enrollment in the Occupational Therapy Assistant program OTA-10 and OTA-11. (A, CSU)

**Full Term Class Offering(s)**
OTA 40-81576  MW  3:00pm-4:50  HC 308  H.REED

**OTA 41 Thry & Proc in Phys Dys Lab (1 Units)**
Through a hands-on lab, the Occupational Therapy Assistant (OTA) student analyze physical disabilities and develop intervention methods and strategies for remediation of and compensation for physical deficits and impairments. The student learns about use of assistive equipment and adaptive devices, wheelchair positioning, modifying environment, energy conservation, and work simplification. PREREQUISITE: Enrollment in the Occupational Therapy Assistant program. CO-

**Full Term Class Offering(s)**
OTA 41-81613  T  2:00pm-4:50  HC 309  H.REED
(This is a face-to-face course.)

**OTA 42 Intro to Clin Prac in Phys Dys (1 Units)**
Through Level I Fieldwork experiences, the Occupational Therapy Assistant (OTA) student is introduced to working with individuals with physical dysfunction. As participant observers, the student integrates academic experiences with Occupational Therapy (OT) process in settings serving individuals with physical dysfunction in a variety of occupational challenges and degrees of disability. ADVISORY: COMM-10. PREREQUISITE: Prerequisite Enrollment in the Occupational Therapy Assistant program HCA-5, OTA-40, OTA-41. (A, CSU)

**Full Term Class Offering(s)**
OTA 42-81672  T  5:00pm-6:30  HC 309  H.REED
(40 HRS Fieldwork Arranged)
**ANTHROPOLOGY**

**ANTHRO 2  CULTURAL ANTHRO (3 Units)**
This course explores how anthropologists study and compare human culture. Cultural anthropologists seek to understand the broad arc of human experience focusing on a set of central issues, including: subsistence patterns, social, political, and economic organization patterns of communication and creative expression, familial and kinship relations, belief systems, gender, racial and ethnic identity labels, the developmental influence of social inequality, and internal culture change resulting from external forces. Ethnographic case studies and professional anthropological research ethics are employed to introduce students to the tools used to understand humans around the globe. ADVISORIES: Eligibility for English 1A or Interdisciplinary Studies 251. (A, CSU-GE, UC, I)(C-ID ANTH 120)

**Full Term Class Offering(s)**
- ANTHRO 2-80189  TTh  12:30pm-1:45  AC1 206  S.SHANKAR
- ANTHRO 2-80191  MW  1:00pm-2:15  AC2 178  J.MULLOOLY
- ANTHRO 2-80190  MW  4:00pm-5:15  AC1 175  J.MULLOOLY
- ANTHRO 2-80188  TTh  4:00pm-5:15  AC1 181  A.SANTANA

**Online Class Offering(s)**
- ANTHRO 2-80192  WEB  ARR  WEB  A.SANTANA

(This is a 100% online class. Students that are enrolled must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course. Please contact the instructor through Canvas for more information.)

**ANTHRO 3  INTRO TO ARCHEOL (3 Units)**
This course is a broad survey of the physical and cultural evolution of humanity from the first use of stone tools to the rise of civilization as understood through the archaeological record. The course includes a discussion of the history, methods, and interdisciplinary nature of archaeological research. ADVISORIES: Eligibility for English 1A or Interdisciplinary Studies 251. (A, CSU-GE, UC, I)

**Full Term Class Offering(s)**
- ANTHRO 3-80193  MWF  10:00am-10:50  AC1 206  L.TAYLOR

**ART**

**ART 2  ART APPRECIATION (3 Units)**
Lecture course to learn the cultural significance of the arts. Instruction will cover media and movements. Students will also learn the elements and principles of design to understand the visual language of the arts and the methods used by artists to communicate ideas to the public. Course also emphasizes the multicultural visual dialogue that occurs throughout the different communities in the world. ADVISORIES: Eligibility for English 125 and 126. (A, CSU-GE, UC, I)(C-ID ARTH 100)

**Full Term Class Offering(s)**
- ART 2-80199  TTh  8:00am-9:15  AC1 241  STAFF
- ART 2-80196  MWF  9:00am-9:50  AC1 241  P.JOHNSON
ART 3 2-DIMEN DESIGN (3 Units)
This course provides an introduction to the elements and principles of two-dimensional design within a historic, cultural, and aesthetic context. Students create and evaluate design projects with beginning level instruction in drawing, painting, collage, and mixed-media. ADVISORIES: Eligibility for English 125 and 126. (A, CSU, UC)(C-ID ARTS 100)

Full Term Class Offering(s)
ART 3-80209 MW 9:00am-9:50 AC1 218 L.WEAVER and MW 10:00am-11:50 AC1 218 L.WEAVER
ART 3-80208 MW 1:00pm-1:50 AC1 218 L.WEAVER and MW 2:00pm-3:50 AC1 218 L.WEAVER

ART 4 3-DIMEN DESIGN (3 Units)
This course is a study of the historical, cultural, and aesthetic influence of three-dimensional design including the formal elements and principles of the visual language. This includes the theory and the practice of these elements and principles as they apply to three-dimensional space and form. ADVISORIES: Eligibility for English 125 and 126. (A,CSU,UC)(C-ID ARTS 101)

Full Term Class Offering(s)
ART 4-80215 TTh 9:00am-9:50 AC1 218 D.HART and TTh 10:00am-11:50 AC1 218 D.HART
ART 4-80214 TTh 1:00pm-1:50 AC1 218 D.HART and TTh 2:00pm-3:50 AC1 218 D.HART

ART 5 ART HISTORY 1 (3 Units)
This course examines the history of cultural production and visual aesthetics including two and three dimensional art and architecture from Prehistory through the Gothic Period. ADVISORIES: Eligibility for English 125 and 126. (A, CSU-GE, UC, I) (C-ID ARTH 110)

Full Term Class Offering(s)
ART 5-80219 MWF 12:00pm-12:50 AC1 241 P.JOHNSON

ART 6 ART HISTORY 2 (3 Units)
This course examines the history of cultural production and visual aesthetics including two and three dimensional art and architecture from the early renaissance through the end of the twentieth century. ADVISORIES: Eligibility for English 125 and 126. (A, CSU-GE, UC, I) (C-ID ARTH 120)

Full Term Class Offering(s)
ART 6-80220 MWF 10:00am-10:50 AC1 241 P.JOHNSON
ART 6H  **HON ART HISTORY2** (3 Units)
This course examines the history of cultural production and visual aesthetics including two and three dimensional art and architecture from the early renaissance through the end of the twentieth century. As an honors section, the class will be conducted as a seminar with an emphasis on student projects. ADVISORIES: Completion of English 125 and 126 or eligibility for English 1A and enrollment in Honors Program. (A, CSU-GE, UC, I) (C-ID ARTH 120)
ART 6H-***** MWF 11:00am-11:50 AC1 241 P.JOHNSON
(Advisory: This class is reserved for students who have been accepted into the Honors Program. Interested students are encouraged to contact Tasha Hutchings at [559] 325-5304.)

ART 7  **BEGIN DRAWING** (3 Units)
This course will focus on developing basic skills in objective, representational, freehand drawing in various two-dimensional media. Through lecture and studio practice, students will explore representational, abstract, non-objective, and conceptual approaches to drawing. This course will also introduce the visual language of drawing, composition (the Elements and Principles of Design), historical and contemporary rendering techniques and drawing as creative personal expression. ADVISORIES: Eligibility for English 125 and 126. (A, CSU, UC) (C-ID ARTS 110)

Full Term Class Offering(s)
ART 7-80223 MW 9:00am-9:50 AC1 237 STAFF
and
ART 7-80222 MW 6:00pm-6:50 AC1 237 STAFF

ART 8  **Beginning Figure Drawing** (3 Units)
Introduction to drawing the human figure from observation using a wide variety of drawing media and techniques. Topics include an introduction to human anatomy and the historical and contemporary roles of figure drawing in the visual arts. Students in this course will learn both descriptive and interpretive approaches to drawing the figure. ADVISORIES: Eligibility for English 125 and English 126. (A, CSU, UC)

Full Term Class Offering(s)
ART 8-80224 TTh 9:00am-9:50 AC1 237 S.DENT
and
ART 8-80225 TTh 2:00pm-3:50 AC1 237 S.DENT

ART 9  **PAINT: OIL/ACR** (3 Units)
This course is an exploration of the creative act of painting using representational, abstract and non-objective forms. Emphasis is placed on the fundamentals of composition and the ability to handle materials. Students will learn basic color theory, value, line, shape, texture and techniques including direct paint application, glazing, brush strokes and impasto. Issues concerning canvas stretching, brush cleaning, mixing glazes and toxicity are addressed. Through lecture and studio practice, students gain introductory skills in painting within the context of an historical perspective. ADVISORIES: Eligibility for English 125, 126 and Mathematics 201. (A, CSU, UC) (C-ID ARTS 210)

Full Term Class Offering(s)
ART 9-80226 MW 1:00pm-1:50 AC1 237 S.DENT
and
ART 9-80225 TTh 1:00pm-1:50 AC1 237 S.DENT
and
ART 17  INTER DRAWING (3 Units)
This course is an exploration of the creative act of drawing using representational, abstract, non-objective and conceptual forms. Students will build upon skills learned in beginning drawing and create a cohesive body of work. Historical and contemporary drawing techniques as well as drawing as a form of creative personal expression are integrated into course content. PREREQUISITES: Art 7. ADVISORIES: Eligibility for English 125 and 126. (A, CSU, UC) (C-ID ARTS 205)

Full Term Class Offering(s)
ART 17-80194  MW  9:00am-9:50  AC1 237  STAFF
and  MW  10:00am-11:50  AC1 237  STAFF

ART 19  INT PAINT OIL/ACR (3 Units)
This course is an exploration of the creative act of painting using representational, abstract, and non-objective forms. Students will build upon skills learned in beginning painting and create a cohesive body of work. Historical and contemporary approaches to oil and acrylic media are integrated into course content. ADVISORIES: Art 9 or demonstration of comparable skill level to be determined by testing and/or portfolio of past oil/acrylic painting works, eligibility for English 125, 126, and Mathematics 201. (A, CSU, UC)

Full Term Class Offering(s)
ART 19-80195  TTh  1:00pm-1:50  AC1 237  S.DENT
and  TTh  2:00pm-3:50  AC1 237  S.DENT

ART 30A  ILLUSTRATOR (3 Units)
This course will allow students to build skills in beginning computer drawing. Projects will emphasize topics of content and form in a digital drawing workflow. Students will be challenged to carry out design projects in a fine art, as well as, commercial environment. ADVISORIES: Eligibility for English 125 and 126. (A, CSU, UC)(C-ID ARTS 250: ART 30A & ART 37A)

Full Term Class Offering(s)
ART 30A-80210  MW  6:00pm-6:50  AC1 245  J.LEDGERWOOD
and  MW  7:00pm-8:50  AC1 245  J.LEDGERWOOD
(Materials fee of $10 required.)

ART 30B  ILLUSTRATOR (3 Units)
This course will allow students to build upon the skills learned in beginning computer drawing. Projects will continue to emphasize topics of content and form in a digital drawing workflow. Students will be challenged to carry out design projects in a fine art, as well as, commercial environment. PREREQUISITES: Art 30A. ADVISORIES: Eligibility for English 125 and 126. (A,

Full Term Class Offering(s)
ART 30B-80211  MW  6:00pm-6:50  AC1 245  J.LEDGERWOOD
and  MW  7:00pm-8:50  AC1 245  J.LEDGERWOOD
(Materials fee of $10 required.)

ART 37A  PHOTOSHOP (3 Units)
The digital imaging software program, Adobe Photoshop», is introduced. Emphasis is on photo restoration, image compositing, image manipulation, scanning, and printing. ADVISORIES: Eligibility for English 125, 126, and Mathematics 201. (A, CSU, UC)(C-ID ARTS 250: ART 30A & ART 37A)

Full Term Class Offering(s)
ART 37A-80212  TTh  9:00am-9:50  AC1 245  J.LEDGERWOOD
and  TTh  10:00am-11:50  AC1 245  J.LEDGERWOOD
(Materials fee of $10 required.)
ART 37B  INT DIGTL IMAGING (3 Units)
This is an intermediate level course utilizing Adobe Photoshop® digital imaging software. Emphasis is on creating works for print, web and multi-media applications. Fine and commercial art references are studied. PREREQUISITES: Art 37A. (A, CSU, UC)

Full Term Class Offering(s)
ART 37B-80213 TTh 9:00am-9:50 AC1 245 J.LEDGERWOOD  
and TTh 10:00am-11:50 AC1 245 J.LEDGERWOOD  
(Materials fee of $10 required.)

ART 41 COMP MULTIMEDIA (3 Units)
This course is an introduction to computer multimedia for graphic design and the visual arts. The course will introduce a multi-media authoring program used for creating interactive media such as animation and simple, interactive projects. ADVISORIES: Eligibility for English 125, 126, and Mathematics 201. (A, CSU, UC) (C-ID ARTS 250)

Full Term Class Offering(s)
ART 41-80216 TTh 1:00pm-1:50 AC1 245 J.LEDGERWOOD  
and TTh 2:00pm-3:50 AC1 245 J.LEDGERWOOD

ART 42 COMPTR ANIMTN/3D (3 Units)
This course is an introduction to 3D computer animation and modeling on the computer. Projects such as creating 3D still images and 3D animations will be assigned. ADVISORIES: Eligibility for English 125, 126, and Mathematics 201. (A, CSU) (C-ID

Full Term Class Offering(s)
ART 42-80217 MW 9:00am-9:50 AC1 245 J.LEDGERWOOD  
and MW 10:00am-11:50 AC1 245 J.LEDGERWOOD

ART 44 DIGITL VIDEO EDIT (3 Units)
This course is an introduction to digital video editing on the computer. Topics such as modern film theory, film treatments, framing shots, timing and transitions, and other pre- and post-production skills are also covered. ADVISORIES: Eligibility for English 125, 126, and Mathematics 201. (A, CSU, UC)

Full Term Class Offering(s)
ART 44-80218 F 11:00am-12:50 AC1 245 T.LYONS  
and F 1:00pm-5:05 AC1 245 T.LYONS

BIOLOGY

BIOL 2 Environ Science (4 Units)
This introductory course examines the earth as an ecosystem composed of biological, chemical, and physical processes, with an emphasis on human impacts. Topics will include the structure and function of ecological systems, air and water pollution, pesticide use, waste disposal, climate change, natural resource use, and environment laws. Students will gain an understanding of how humans influence natural environments while focusing on sustainable practices. Basic chemical, physical, and geological processes will be introduced to better explain these topics throughout the course. ADVISORIES: Eligibility for English 1A and eligibility for Mathematics 201. (A, CSU, CSU-GE, UC, I)

Full Term Class Offering(s)
BIOL 2-80008 F 8:00am-10:50 AC2 178 G.HURTADO  
and F 11:30am-2:35 AC2 285 G.HURTADO
### BIOL 3 INTRO LIFE SCI (4 Units)
This course is recommended for the non-biological science and pre-education majors. This is an introductory course using biological concepts. The cellular and organismal structure, function, inheritance, evolution, and ecology are covered. Field trips may be required. ADVISORIES: Eligibility for English 125 and 126. (A, CSU-GE, UC, I)

**Full Term Class Offering(s)**

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<th>Section Number</th>
<th>Days</th>
<th>Times</th>
<th>Building/Room</th>
<th>Instructor</th>
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<tbody>
<tr>
<td>BIOL 3-80026</td>
<td>MWF</td>
<td>11:00am-11:50</td>
<td>AC2 178</td>
<td>STAFF</td>
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<tr>
<td>and</td>
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<td>7:40am-10:50</td>
<td>AC2 281</td>
<td>STAFF</td>
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<tr>
<td>BIOL 3-80027</td>
<td>MWF</td>
<td>11:00am-11:50</td>
<td>AC2 178</td>
<td>STAFF</td>
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<tr>
<td>and</td>
<td>W</td>
<td>8:00am-10:50</td>
<td>AC2 281</td>
<td>STAFF</td>
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<tr>
<td>BIOL 3-80028</td>
<td>MWF</td>
<td>11:00am-11:50</td>
<td>AC2 178</td>
<td>STAFF</td>
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<td>F</td>
<td>7:45am-10:50</td>
<td>AC2 281</td>
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<td>3:00pm-6:05</td>
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</table>

### BIOL 5 HUMAN BIOLOGY (4 Units)
This course is an introductory human biology course that examines science and societal issues. There is special emphasis on the following body systems: circulatory, digestive, respiratory, urinary, skeletal, muscular, nervous, sensory, endocrine, reproductive, and genetics. ADVISORIES: English 1A and eligibility for Mathematics 201. (A, CSU-GE, UC, I)

**Full Term Class Offering(s)**

<table>
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<tr>
<th>Section Number</th>
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<td>7:00pm-9:50</td>
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**BIOL 10  Intro to Life Science Lecture (3 Units)**

This lecture course is recommended for the non-biological science and pre-education majors. This is an introductory course using biological concepts. The organismal structure, function, inheritance, evolution, and ecology are covered. Field trips may be required. Not open to students with credit in Biology 3.

**ADVISORIES:** Eligibility for English 1A. (A, CSU-GE, UC, I)

**Online Class Offering(s)**

<table>
<thead>
<tr>
<th>BIOL 10-80000</th>
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</thead>
</table>

(This is a 100% online class. Students that are enrolled must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course. Please contact instructor at jan.hendrixson@cloviscollege.edu for more information. BIOL 10 does not include a laboratory. The laboratory is offered separately as BIOL 10L. Please see a counselor if you have any questions. This course is not open to students with credit in Biology 3.)

**BIOL 10L  INTRO LIFE SCI LAB (1 Units)**

This lab course is recommended for the non-biological science and pre-education majors. This is an introductory course using biological concepts. The cellular and organismal structure, function, inheritance, evolution, and ecology are covered. Field trips may be required. Not open to students with credit in Biology 3.

**COREQUISITE:** Biology 10. **ADVISORIES:** Eligibility for English 1A. (A,CSU-GE, UC, I)

**Full Term Class Offering(s)**

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(This course is not open to students with credit in Biology 3.)

**BIOL 11A  Biol-Sci Majors I (5 Units)**

In the first course of a two semester sequence of general biology for science majors, students will study the chemistry of life, cellular structure, cellular metabolism- including photosynthesis, aerobic and anaerobic respiration, cellular communication, cellular division and its regulation, Mendelian genetics, biotechnology, and evolution. This course is intended for Science Majors and pre-medical, pre-veterinarian, pre-dental, pre-optometry, and pre-pharmacy majors. **PREREQUISITES:** Chemistry 1A and Mathematics 103. **ADVISORIES:** Eligibility for English 1A, Biology 3 or high school Biology. (A, CSU-GE, UC, I) (C-ID BIOL 190)

**Full Term Class Offering(s)**

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<td>and</td>
<td>W 2:00pm-4:50</td>
<td>AC2 277</td>
<td>R.ALC AZAR</td>
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</table>
BIOL 11B  BIOL-SCI MAJORS II (5 Units)
This course is the second course of a two-semester sequence of general biology for science majors. Students will study the origins of life, the evolutionary history of biodiversity, plant form and function, animal form and function, and ecology. This course is intended for science majors and pre-medical, pre-veterinarian, pre-dental, pre-optometry, and pre-pharmacy majors. PREREQUISITES: Biology 11A and Mathematics 103. ADVISORIES: Eligibility for English 1A. (A, CSU-GE, UC, I) (C-ID BIOL 140)

Full Term Class Offering(s)
BIOL 11B-80005  TTh  11:00am-12:50  AC2 178  G.HURTADO
and  T  8:00am-10:50  AC2 281  G.HURTADO
BIOL 11B-80006  TTh  11:00am-12:50  AC2 178  G.HURTADO
and  Th  8:00am-10:50  AC2 281  G.HURTADO

BIOL 20  HUMAN ANATOMY (4 Units)
This is a course providing a basic understanding and working knowledge of the human body with emphasis on the structure of each major system. The interrelationship between human systems and the relationships between the structure and functions of each system will be studied at several levels: cellular, tissue, organ, system, and organismal. PREREQUISITES: Biology 5 or Biology 11A or Biology 25. ADVISORIES: Eligibility for English 1A and eligibility for Mathematics 201. (A, CSU-GE, UC, I) (C-ID BIOL 110B)

Full Term Class Offering(s)
BIOL 20-80016  S  11:00am-2:05  AC2 181  STAFF
and  S  2:30pm-5:35  AC2 285  STAFF
BIOL 20-80013  TTh  4:30pm-5:45  AC2 178  A.FALLON
and  T  1:00pm-3:50  AC2 285  A.FALLON
BIOL 20-80014  TTh  4:30pm-5:45  AC2 178  A.FALLON
and  W  2:00pm-4:50  AC2 285  A.FALLON
BIOL 20-80015  TTh  4:30pm-5:45  AC2 178  A.FALLON
and  Th  1:00pm-3:50  AC2 285  A.FALLON
BIOL 20-80009  MW  5:00pm-6:15  AC1 150  A.FALLON
and  M  6:30pm-9:40  AC2 285  A.FALLON
BIOL 20-80010  MW  5:00pm-6:15  AC1 150  A.FALLON
and  T  7:00pm-9:50  AC2 285  A.FALLON
BIOL 20-80011  MW  5:00pm-6:15  AC1 150  A.FALLON
and  W  6:30pm-9:20  AC2 285  A.FALLON
BIOL 20-80012  MW  5:00pm-6:15  AC1 150  A.FALLON
and  Th  7:00pm-9:50  AC2 285  A.FALLON

BIOL 22  HUMAN PHYSIOLOGY (5 Units)
This course provides a basic understanding and working knowledge of the human body with emphasis on the functions of each major system. The interrelationship between human systems and the relationship between structure and function of each system will be studied at several levels (biochemical, cellular, organ levels). PREREQUISITES: Biology 20 and Chemistry 1A or 3A. (A, CSU-GE, UC, I) (C-ID BIOL 120B)

Full Term Class Offering(s)
BIOL 22-80017  TTh  8:00am-9:50  AC1 150  R.NEARN
and  M  11:00am-2:10  AC2 285  R.NEARN
BIOL 22-80018  TTh  8:00am-9:50  AC1 150  R.NEARN
and  W  11:00am-1:50  AC2 285  R.NEARN
BIOL 22-80019  TTh  8:00am-9:50  AC1 150  R.NEARN
### BIOL 25  Intro to Anatomy and Physiology (4 Units)
This course is a one-semester introductory human anatomy and physiology course that examines the structural organization and physiological processes of the human body, from the cellular to organ-system level. The gross and microscopic structure of the integumentary, skeletal, muscular, nervous, sensory, endocrine, cardiovascular, lymphatic, respiratory, digestive, excretory, and reproductive systems will be covered. This course is designed for students in the allied health sciences or pre-health majors. This is a prerequisite course for the two semester sequence of anatomy and physiology courses for nursing/kinesiology and pre-health majors and may fulfill the anatomy and physiology requirement for some allied health certificates. This can also be taken as a general education life science course as it is a transferable course. This course is not advised for student who have taken Biology 5, Human Biology. ADVISORIES: Eligibility for English 1A and eligibility for Mathematics 201. (A,

**Full Term Class Offering(s)**

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### BIOL 31  MICROBIOLOGY (5 Units)
This course provides an introduction to the structure, metabolism and ecology of microorganisms with special emphasis on microbe-related human diseases. This course is designed to introduce the student to a variety of topics in the area of microbiology. The text, lab manuals, and lectures are geared to students in biological, medical, physical education and health-oriented programs. **PREREQUISITES:** Biology 5 or 11A and Chemistry 3A or 1A. **ADVISORIES:** Eligibility for English 125, English 126, and Mathematics 201. (A,CSU-GE, UC, I)

**Full Term Class Offering(s)**

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<td>6:00pm-8:50</td>
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BUSINESS ADMINISTRATION

BA 5  Business Communication (3 Units)
This course teaches students how to prepare business letters, reports, memos, and oral presentations used in a business environment. The course emphasizes document organization, using correct grammar, writing to the desired audience, and creating appropriate tone. ADVISORY: Eligibility for English 1A. (A, CSU)

Online Class Offering(s)
BA 5-80712 WEB ARR WEB C.CUNHA
Meets from 01/24 to 05/20 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course. Please contact the instructor through Canvas for more information.)

BA 10  Intro to Business (3 Units)
This course provides a multidisciplinary examination of how culture, society, economic systems, legal, international, political, financial institutions, and human behavior interact to affect a business organization's policy and practices within the U.S. and a global society. The course focuses on how these influences impact the primary areas of business including: organizational structure and design leadership, human resource management, organized labor practices marketing organizational communication technology entrepreneurship legal, accounting, financial practices the stock and securities market and therefore affect a business' ability to achieve its organizational goals. ADVISORIES: Eligibility for English 1A and Mathematics 201. (A, CSU, UC)(C-ID BUS 110)

Full Term Class Offering(s)
BA 10-80698 MWF 10:00am-10:50 AC2 284 M.ALANIS
BA 10-80699 TTh 12:30pm-1:45 AC2 284 STAFF

Online Class Offering(s)
BA 10-80702 WEB ARR WEB STAFF
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course. Please contact the instructor through Canvas for more information.)
BA 10-80700 WEB ARR WEB M.ALANIS
Meets from 01/10 to 03/11 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course. Please contact the instructor through Canvas for more information.)
BA 10-80701 WEB ARR WEB M.ALANIS
Meets from 03/14 to 05/20 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course. Please contact the instructor through Canvas for more information.)

BA 15  Intro to Management (3 Units)
This course provides an introduction to the primary management functions, including strategic and tactical planning decision-making organizational design and systems leadership, motivation and communication and control systems. ADVISORY: Eligibility for English 1A and Mathematics 201. (A, CSU)

Online Class Offering(s)
BA 15-80703 WEB ARR WEB T.APPARCEL
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course. Please contact the instructor through Canvas for more information.)
BA 18  BUS & LEGAL ENV (4 Units)
This course provides students with an introduction to the legal system, including topics such as sources of law, ethics in law, criminal law, tort law, contract law, agency, business structures, and international law with a major emphasis on contracts. The course requires case study discussions and written briefs.
ADVISORIES: Eligibility for English 1A. (A, CSU, UC) (C-ID BUS 120)(C-ID BUS 125)

Full Term Class Offering(s)
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Online Class Offering(s)
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(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course. Please contact the instructor through Canvas for more information.)

BA 19V  Coop Wk Exper, Bus (1-8 Units)
This course provides supervised employment, directly related to student's major in information systems or business. Students may enroll for a maximum of 8 units per semester. Students may earn a total of 16 units in work experience of which only 6 may be in COTR-19G. Students earn units using the following formula: for paid work, 75 hours = 1 unit for volunteer work, 60 hours =1 unit. Note: Repetition of Cooperative Work Experience courses is allowable under Title 5, §55253. (A, CSU)

Full Term Class Offering(s)
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<td>M.ITSKOFF</td>
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| (Students are required to attend one of the following orientation meetings: Clovis Herndon Campus on Thursday, 01/20 from 5:00-6:00pm in HC-212 or Clovis Community College on Wednesday, 01/26 from 5:00-6:00pm in AC1-187. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course. Please contact the instructor through Canvas for more information.)
| BA 19V-80727   | ARR   | ARR           | ARR           | STAFF      |
| (Students are required to attend one of the following orientation meetings: Clovis Herndon Campus on Thursday, 01/20 from 5:00-6:00pm in HC-212 or Clovis Community College on Wednesday, 01/26 from 5:00-6:00pm in AC1-187. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course. Please contact the instructor through Canvas for more information.)
| BA 19V-80732   | ARR   | ARR           | ARR           | C.HOLDEN   |
| (Students are required to attend one of the following orientation meetings: Clovis Herndon Campus on Thursday, 01/20 from 5:00-6:00pm in HC-212 or Clovis Community College on Wednesday, 01/26 from 5:00-6:00pm in AC1-187. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course. Please contact the instructor through Canvas for more information.)

BA 30  Personal Finance (3 Units)
This course examines the integration of personal financial management with physiological and psychological well-being, and the life-long impact financial decisions have on individuals, families, and society. Topics include time value of money financial planning strategies money and credit management home ownership home, health, and auto insurance needs savings and investment strategies and retirement and estate planning. ADVISORIES: Eligibility for English 1A, and Mathematics 201. (A, CSU)
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<td><strong>Full Term Class Offering(s)</strong></td>
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<tr>
<td>BA 30-80708</td>
<td>MWF</td>
<td>11:00am-11:50</td>
<td>AC1 108</td>
<td>T.APPARCEL</td>
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<td><strong>Online Class Offering(s)</strong></td>
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<td>BA 30-80709</td>
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<td>M.ALANIS</td>
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<tr>
<td>Meets from 01/31 to 04/29 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course. Please contact the instructor through Canvas for more information.)</td>
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**BA 33  Human Relations in Business (3 Units)**
This class covers traditional human relations topics and theories while emphasizing interpersonal skill development. There is an emphasis on motivating, communicating, goal-setting, managing time, evaluating performance, and understanding the worker. ADVISORIES: Eligibility for English 1A. (A, CSU)

| Online Class Offering(s) | | | | |
| BA 33-80710 | WEB  | ARR WEB    | WEB           | C.CUNHA     |
| Meets from 01/24 to 05/20 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course. Please contact the instructor through Canvas for more information.) |

**BA 38  Operation of the Small Bus (3 Units)**
This course teaches students to take a systematic approach to developing and managing a small business. Emphasis is placed on discussions, case studies, and practical exercises that help students to develop expertise in the operations, marketing, human resource utilization, and financing of a small business venture. ADVISORIES: Eligibility for English 1A, and Mathematics 201. (A, CSU)

| Online Class Offering(s) | | | | |
| BA 38-80711 | WEB  | ARR WEB    | WEB           | STAFF       |
| Meets from 01/24 to 05/13 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course. Please contact the instructor through Canvas for more information.) |

**BA 39  Finite Math for Business (3 Units)**
This course provides an introduction to finite mathematics and quantitative methods for business majors and may be taken concurrently with STAT 7. Topics include application set theory, counting, probability, expected value, rates of change, functions, applications and graphing, mathematics of finance, systems of linear equations and matrices and linear programming. This course meets the business major requirements for students transferring to Cal State University, Fresno. PREREQUISITES: Mathematics 103. ADVISORY: Eligibility for English 1A. (A, CSU-GE, UC)

<p>| Full Term Class Offering(s) | | | | |
| BA 39-80728 | MW  | 2:00pm-3:15 | AC2 284      | J.CASTANEDA |
| BA 39-80729 | MW  | 4:00pm-5:15 | AC1 145      | J.CASTANEDA |</p>
<table>
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<tr>
<td>BA 47</td>
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<td>5:20pm-6:45</td>
<td>AC2 236</td>
<td>ROBERTS</td>
</tr>
<tr>
<td>BA 50</td>
<td>L</td>
<td>5:20pm-6:45</td>
<td>AC2 236</td>
<td>ROBERTS</td>
</tr>
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BA 47  Careers in Business (1 Units)
This course prepares students for a career in the business field. Topics include career and education planning, self-assessment, resume formatting, cover letter formatting, job applications, and interviewing. ADVISORIES: Eligibility for English 1A.

Online Class Offering(s)
BA 47-80730 WEB ARR WEB T.APPARCEL
Meets from 02/14 to 03/18 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course. Please contact the instructor through Canvas for more information.)

BA 52  Intro to Entreprnrshp (3 Units)
Students in this course develop an understanding of the complex tasks faced by individuals engaged in entrepreneurial activities. This course identifies the methods for developing a business idea, the process of starting a business, and how to acquire resources. ADVISORIES: Eligibility for English 1A, and Mathematics 201. (A, CSU)

Online Class Offering(s)
BA 52-80731 WEB ARR WEB M.ALANIS
Meets from 01/24 to 05/13 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course. Please contact the instructor through Canvas for more information.)

CHEMISTRY

CHEM 1A  GEN CHEMISTRY (5 Units)
This is the first course in a two course sequence in general chemistry and is intended for students majoring in science or satisfying prerequisites for professional schools. This course covers the principles and laws of inorganic chemistry with an emphasis on quantitative, mathematical problem-solving. Topics included in the course are atoms, molecules and ions formulas and equations stoichiometry gas laws electronic structure of atoms bonding atomic orbital and molecular orbital theories solutions precipitation reactions oxidation reduction reactions introduction to acids and bases thermochemistry properties of liquids solids and crystal structures solution behavior colligative properties associated laboratory experiments and volumetric and gravimetric analysis methods. PREREQUISITES: High school chemistry with laboratory component or Chemistry 3A or 10 or equivalent, and Mathematics 103 or equivalent. ADVISORIES: English 1A. (A, CSU-GE, UC, I) (C-ID CHEM 110) (C-ID 120S: CHEM 1A & CHEM 1B)

Full Term Class Offering(s)
CHEM 1A-80050 MW 8:00am-9:15 AC2 246 J.ANDERSON
and MW 9:20am-12:25 AC2 246 J.ANDERSON
CHEM 1A-80049 MW 5:30pm-6:45 AC2 238 L.FONG
and MW 7:00pm-10:05 AC2 238 L.FONG
CHEM 3A   INTRO GEN CHEM (4 Units)
This is a survey course in the principles of inorganic chemistry covering the composition of matter, physical and chemical changes, atomic and molecular structure, inorganic nomenclature, chemical formula and reaction calculations, gas laws, bonding, solutions, net-ionic equations, acid-base theories, pH, oxidation-reduction reactions, thermodynamics, nuclear chemistry and equilibrium. The course emphasizes problem solving and chemical calculations. Both qualitative and quantitative theory and techniques will be covered. It is intended for applied science and non-science majors or for students preparing to take Chemistry 1A. PREREQUISITES: Mathematics 103. ADVISORIES: English 1A, Chemistry 10 or high school chemistry. (A, CSU-GE, UC, I)(C-ID CHEM 101)
Full Term Class Offering(s)
CHEM 3A-80076   TTh  8:00am-9:15   AC2 179   STAFF
and    T  10:30am-1:20   AC2 246   STAFF
CHEM 3A-80077   TTh  8:00am-9:15   AC2 179   STAFF
and    Th  10:30am-1:20   AC2 246   STAFF
CHEM 3A-80078   S  8:00am-11:05   AC2 246   R.UMAR
and    S  11:15am-2:20   AC2 246   R.UMAR
CHEM 3A-80079   F  10:30am-1:20   AC2 246   H.DHAH-POWELL
and    F  2:00pm-5:05   AC2 246   H.DHAH-POWELL
CHEM 3A-80068   MW  1:00pm-2:15   AC2 179   J.ANDERSON
and    M  2:30pm-5:40   AC2 246   J.ANDERSON
CHEM 3A-80069   MW  1:00pm-2:15   AC2 179   J.ANDERSON
and    W  2:30pm-5:20   AC2 246   J.ANDERSON
CHEM 3A-80074   TTh  1:00pm-2:15   AC2 179   S.CHEN
and    T  2:30pm-5:20   AC2 246   S.CHEN
CHEM 3A-80075   TTh  1:00pm-2:15   AC2 179   S.CHEN
and    Th  2:30pm-5:20   AC2 246   S.CHEN
CHEM 3A-80072   MW  5:30pm-6:45   AC2 179   C.THOMAS
and    M  7:00pm-10:10   AC2 246   C.THOMAS
CHEM 3A-80073   MW  5:30pm-6:45   AC2 179   C.THOMAS
and    W  7:00pm-9:50   AC2 246   C.THOMAS
CHEM 3A-80070   TTh  5:30pm-6:45   AC2 179   C.LOUIE
and    T  7:00pm-9:50   AC2 246   C.LOUIE
CHEM 3A-80071   TTh  5:30pm-6:45   AC2 179   C.LOUIE
and    Th  7:00pm-9:50   AC2 246   C.LOUIE

CHEM 28A   ORGANIC CHEM I (3 Units)
This course is a study of the structures, properties, nomenclature and reactions of organic compounds with emphasis on reaction mechanisms. The course is recommended for students whose major is chemistry, premedical, predental, prepharmacy, biology, biochemistry or chemical engineering. The following topics are included: stereochecmistry, alkanes, alkenes, alkynes, alkyl halides, alcohols, amines, ethers, epoxides, aromatics, and organometallic compounds, resonance and conjugation, kinetic and thermodynamic control of reactions, multistep syntheses, infrared spectroscopy, nuclear magnetic spectroscopy, and mass spectroscopy. PREREQUISITES: Chemistry 1B. ADVISORIES: English 1A. (A, CSU-GE, UC, I)(C-ID CHEM 150: CHEM 28A & CHEM 29A) (C-ID CHEM 160S: CHEM-28A, CHEM-28B, CHEM-29A, and CHEM-29B)
Full Term Class Offering(s)
CHEM 28A-80058   MW  9:00am-10:15   AC2 230   D.DORMEDY
CHEM 28B  ORGANIC CHEM II (3 Units)
This is the second semester in a year-long course in organic chemistry designed for students majoring in chemistry and related disciplines, such as premedical, prepharmacy, predental, biology, biochemistry or chemical engineering. It covers the study of several groups of compounds in organic chemistry including aromatic compounds, benzene derivatives, carbonyl compounds, amines, amino acids, lipids, and nucleic acids. Each group is analyzed in terms of their structure, physical properties, nomenclature, reactions and reaction mechanisms. Also included are the oxidation-reduction of organic functional groups and protecting groups in multistep syntheses. PREREQUISITES: Chemistry 28A. ADVISORIES: English 1A. (A, CSU-GE,UC,I) (C-ID CHEM 160S: CHEM-28A, CHEM-28B, CHEM-29A, and CHEM-29B)

Full Term Class Offering(s)
CHEM 28B-80059  TTh  1:00pm-2:15  AC2 230  D.DORMEDY
CHEM 28B-80060  MW  5:30pm-6:45  AC2 230  B.SHAMP
CHEM 28B-80061  TTh  5:30pm-6:45  AC2 230  B.SHAMP

CHILD DEVELOPMENT  – Please see Early Childhood Education.

COMMUNICATION

COMM 1  PUBLIC SPEAKING (3 Units)
Fundamentals of public speaking utilizing theories and techniques of communication to enhance public speaking skills. Particular emphasis is on the organization and criticism of public discourse. This is achieved through research, reasoning, presentations, and the evaluation of various types of speeches which include informative and persuasive speeches. ADVISORIES: Eligibility for English 1A or 1AH. (A, CSU, CSU-GE, UC, I) (C-ID COMM 110)

Full Term Class Offering(s)
COMM 1-80246  MW  8:00am-9:15  AC1 195  S.BRIONES
COMM 1-80237  MWF  8:00am-8:50  AC1 295  K.BOENISCH
COMM 1-80244  F  9:00am-11:50  AC1 195  H.WINIGER
COMM 1-80242  MW  9:30am-10:45  AC1 193  A.MARTINEZ
COMM 1-80243  TTh  9:30am-10:45  AC1 195  S.BRIONES
COMM 1-80233  TTh  9:30am-10:45  AC1 295  C.WELLS
COMM 1-80232  MWF  10:00am-10:50  AC1 295  K.BOENISCH
COMM 1-80234  TTh  11:00am-12:15  AC1 195  STAFF
COMM 1-80241  MW  2:00pm-3:15  AC1 295  J.TANG
COMM 1-80239  TTh  2:00pm-3:15  AC1 195  T.SARKISIAN
COMM 1-80235  MW  3:30pm-4:45  AC1 295  J.TANG
COMM 1-80238  TTh  3:30pm-4:45  AC1 295  G.GOMEZ
COMM 1-80236  W  6:00pm-8:50  AC1 295  R.SIAGAN
COMM 1-80240  Th  6:00pm-8:50  AC1 195  D.CAVALLERO

Hybrid Class Offering(s)
COMM 1-80247  T  3:30pm-4:50  AC1 195  T.SARKISIAN
and  TBA  TBA  CCC WEB  T.SARKISIAN

(This is an online class with mandatory meetings on campus. Students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course. This class requires the following mandatory face-to-face meetings at Clovis Community College every Tuesday from 3:30-4:50pm in room AC1-195. Please contact the instructor through Canvas for more information.)
<table>
<thead>
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<th>Section Number</th>
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<tr>
<td>COMM 1-80248</td>
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<td>AC1 195</td>
<td>E.HEASLEYand</td>
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<td>TBA</td>
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(This is an online class with mandatory meetings on campus. Students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course. This class requires the following mandatory face-to-face meetings at Clovis Community College every Tuesday from 6:30-7:50pm in room AC1-195. Please contact the instructor through Canvas for more information.)

**COMM 2  INTERPERSON COM (3 Units)**

Interpersonal communication is designed to increase understanding and implementation of effective interpersonal communication behaviors and skills. This course examines basic practical everyday communicative interaction, emphasizing behavioral aspects of interpersonal communication, self-concept, perception, listening, non-verbal communication, conflict, language, gender, and cultural differences. Students engage in both paired/group communication and the development of oral presentations.

ADVISORIES: Eligibility for English 1A or 1AH. (A, CSU-GE, UC) (C-ID COMM 130)

### Full Term Class Offering(s)

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<td>COMM 2-80256</td>
<td>MWF</td>
<td>9:00am-9:50</td>
<td>AC1 295</td>
<td>K.BOENISCH</td>
</tr>
<tr>
<td>COMM 2-80254</td>
<td>MW</td>
<td>11:00am-12:15</td>
<td>AC1 195</td>
<td>A.MARTINEZ</td>
</tr>
<tr>
<td>COMM 2-80258</td>
<td>MWF</td>
<td>11:00am-11:50</td>
<td>AC1 295</td>
<td>E.HEASLEY</td>
</tr>
<tr>
<td>COMM 2-80255</td>
<td>MW</td>
<td>12:30pm-1:45</td>
<td>AC1 195</td>
<td>STAFF</td>
</tr>
<tr>
<td>COMM 2-80260</td>
<td>TTh</td>
<td>12:30pm-1:45</td>
<td>AC1 295</td>
<td>T.SARKISIAN</td>
</tr>
<tr>
<td>COMM 2-80253</td>
<td>TTh</td>
<td>2:00pm-3:15</td>
<td>AC1 295</td>
<td>A.MARTINEZ</td>
</tr>
<tr>
<td>COMM 2-80257</td>
<td>T</td>
<td>6:00pm-8:50</td>
<td>AC1 295</td>
<td>P.HUMPHREY</td>
</tr>
<tr>
<td>COMM 2-80261</td>
<td>W</td>
<td>6:00pm-8:50</td>
<td>AC1 195</td>
<td>STAFF</td>
</tr>
<tr>
<td>COMM 2-80259</td>
<td>Th</td>
<td>6:00pm-8:50</td>
<td>AC1 295</td>
<td>P.HUMPHREY</td>
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### Hybrid Class Offering(s)

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<td>COMM 2-80262</td>
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<td>4:00pm-5:30</td>
<td>AC1 195</td>
<td>STAFF</td>
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<td>TBA</td>
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<td>CCC WEB</td>
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(This is an online class with mandatory meetings on campus. Students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course. This class requires the following mandatory face-to-face meetings at Clovis Community College every Monday from 4:00-5:30pm in room AC1-195. Please contact the instructor through Canvas for more information.)

**COMM 4  PERSUASION (3 Units)**

An introduction to the study and practice of persuasive discourse. This course is designed to examine historical and contemporary approaches to persuasive messages throughout time. The course covers both theory and application of persuasive techniques in personal and professional communication. Opportunities are provided for students to present and analyze persuasive materials orally and in writing as a way of developing communication and critical abilities. ADVISORIES: Eligibility for English 1A or 1AH. (A, CSU-GE, UC, I)(C-ID COMM 190)

### Full Term Class Offering(s)

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<tr>
<td>COMM 4-80265</td>
<td>MW</td>
<td>12:00pm-1:15</td>
<td>AC1 295</td>
<td>STAFF</td>
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</table>
COMM 8 GROUP COMMUNICATN (3 Units)
Group Communication introduces students to how communication can be used as a vehicle for solving problems and making decisions imperative to successful social and professional interaction. Students develop a conceptual understanding of small group principles and contexts, putting this knowledge into action through a variety of experiential activities. Students study and practice theories, behaviors, and the process of group interactions. Students construct and deliver informative and persuasive public presentations. ADVISORIES: Eligibility for English 1A or 1AH. (A, CSU, CSU-GE, UC, I) (C-ID COMM 140)

Full Term Class Offering(s)
COMM 8-80269 TTh 8:00am-9:15 AC1 195 S.BRIONES
COMM 8-80267 TTh 12:30pm-1:45 AC1 195 S.BRIONES
COMM 8-80266 MW 2:00pm-3:15 AC1 195 H.WINIGER
COMM 8-80268 M 5:30pm-8:35 AC1 295 D.CAVALLERO

COMM 10 INTERCULTRL COMM (3 Units)
Intercultural Communication introduces students to the cultural variables and factors in the communication process. Emphasis is given to communicating effectively in diverse social and professional environments. Focus is also given to the analysis and comparisons of message perception, verbal and nonverbal communication, communication climates and language interpretation in interactions between people from different cultures. Activities are designed to develop communication skills that improve competence in intercultural situations. ADVISORIES: English 1A or 1AH. (A, CSU, CSU-GE, UC, I) (C-ID COMM 150)

Full Term Class Offering(s)
COMM 10-80249 MW 9:30am-10:45 AC1 195 S.BRIONES

COMM 12 Oral Interp of Lit (3 Units)
The interpretation of literature through critical analysis and oral performance of selected works including but not limited to: poetry, fiction, essays, drama, and children's literature. This includes both individual and pair/group performances. ADVISORIES: Eligibility for English 1A or 1AH. (A, CSU, CSU-GE) (C-ID COMM 170)

Full Term Class Offering(s)
COMM 12-80251 MW 12:30pm-1:45 AC1 150 A.MARTINEZ
COMM 12-80250 TTh 12:30pm-1:45 AC1 150 A.MARTINEZ

COMM 15 COMPUTER-MEDIATED (3 Units)
Communication tools such as email, social media, online dating sites, and text messaging have changed the way people build and maintain relationships. This course explores several areas of study related to computer-mediated communication including historical perspectives, online relationship formation, hyperpersonal communication, cyberbullying, the sociology of social networks and online communities, privacy and safety issues, and the convergence of mass and interpersonal communication. ADVISORIES: Eligibility for English 1A or 1AH. (A, CSU)

Online Class Offering(s)
COMM 15-80252 WEB ARR WEB T.SARKISIAN
(This is a 100% online class. Students that are enrolled must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course. Please contact the instructor through Canvas for more information.)
COMM 25  ARGUMENTATION (3 Units)
Argumentation is designed to provide students with the methods of critical inquiry and advocacy. Emphasis is placed on analysis, presentation, and evaluation of oral and written argumentation. This course focuses on identifying fallacies, testing evidence, and advancing a reasoned position while defending and refuting arguments. Students write a minimum of 6,000 words during the course of the semester. PREREQUISITES: Completion of English 1A or English 1AH. (A, CSU, CSU-GE, UC, I) (C-ID

Full Term Class Offering(s)
COMM 25-80263  TTh 11:00am-12:15  AC1 295  C.WELLS
COMM 25-80264  M 5:30pm-8:35  AC1 195  T.SARKISIAN

COMPUTER SCIENCE

CSCI 26  MATH FOR COMPSCI (4 Units)
This course studies elements of discrete mathematics which have applications to computer science. Topics include sets, propositional and predicate logic, relations and functions, proof techniques, graph, trees, and discrete probability. PREREQUISITES: Computer Science 41. ADVISORIES: Eligibility for English 1A. (A, CSU-GE, UC, I)(C-ID COMP 152)

Full Term Class Offering(s)
CSCI 26-80080  M 6:30pm-8:50  AC1 114  STAFF
and  W 6:30pm-7:45  AC1 114  STAFF
and  W 8:00pm-8:50  AC1 114  STAFF

CSCI 40  PROG CONCEPTS I (4 Units)
This course introduces problem solving, algorithm development, procedural and data abstraction using C++ language program design, coding, debugging, testing, and documentation. PREREQUISITES: Mathematics 4A or equivalent. ADVISORIES: Eligibility for English 1A. (A, CSU,UC) (C-ID COMP 112) (C-ID COMP 122)

Full Term Class Offering(s)
CSCI 40-80082  T 1:30pm-3:45  AC1 114  W.KERNEY
and  Th 1:30pm-2:45  AC1 114  W.KERNEY
and  Th 3:00pm-3:50  AC1 114  W.KERNEY
CSCI 40-80083  T 6:30pm-8:45  AC1 114  STAFF
and  Th 6:30pm-7:45  AC1 114  STAFF
and  Th 8:00pm-8:50  AC1 114  STAFF

CSCI 41  PROG CONCEPTS II (4 Units)
This course introduces object-oriented design concepts, recursion, manual and automatic memory management implementation of data structures including linked lists, stacks, queues, binary search trees, heaps, and hash tables insertion, searching, and deletion. C++ language is used. PREREQUISITES: Computer Science 40 or Engineering 40. ADVISORIES: Eligibility for English 1A. (A, CSU, UC)(C-ID COMP 132)

Full Term Class Offering(s)
CSCI 41-80086  MW 10:00am-11:15  AC1 114  W.KERNEY
and  F 10:00am-10:50  AC1 114  W.KERNEY
and  F 11:00am-11:50  AC1 114  W.KERNEY
CSCI 41-80087  MW 12:00pm-1:15  AC1 114  W.KERNEY
and  F 12:00pm-12:50  AC1 114  W.KERNEY
and  F 1:00pm-1:50  AC1 114  W.KERNEY
CSCI 45  COMPUTER ORG (4 Units)
This course introduces functional organization of digital computers and low level programming internal representation of data, binary arithmetic, machine instructions, addressing modes, subroutine linkage, macros and interrupts, Assembly language programming. PREREQUISITES: Computer Science 41. ADVISORY: Eligibility for English 1A. (A, CSU, UC) (C-ID COMP 142)

Full Term Class Offering(s)
CSCI 45-80090 TTh 10:00am-11:50 AC1 214 W.KERNEY
and Th 12:00pm-12:50 AC1 214 W.KERNEY

COOPERATIVE WORK EXPERIENCE

COTR 19G  COOP TRN GENERAL (1-6 Units)
Supervised employment, not directly related to the student's major. Students may enroll for a maximum of 6 units per semester. Students earn units using the following formula: for paid work, 75 hours = 1 unit for volunteer work, 60 hours = 1 unit. Note: Repetition of Cooperative Work Experience courses is allowable under Title 5, §55253. (A, CSU)

Short Term Class Offering(s)
COTR 19G-80620 ARR ARR ARR ARR C.HOLDEN
Meets from 03/07 to 05/20 (Please contact the instructor through Canvas for more information.)

Full Term Class Offering(s)
COTR 19G-80617 ARR ARR ARR ARR M.BERRY
(Students are required to attend one of the following orientation meetings: Clovis Herndon Campus on Thursday, 01/20 from 5:00-6:00pm in HC-212 or Clovis Community College on Wednesday, 01/26 from 5:00-6:00pm in AC1-187.)
COTR 19G-80618 ARR ARR ARR ARR T.BEDWELL
(Students are required to attend one of the following orientation meetings: Clovis Herndon Campus on Thursday, 01/20 from 5:00-6:00pm in HC-212 or Clovis Community College on Wednesday, 01/26 from 5:00-6:00pm in AC1-187.)
COTR 19G-80619 ARR ARR ARR ARR C.HOLDEN
(Students are required to attend one of the following orientation meetings: Clovis Herndon Campus on Thursday, 01/20 from 5:00-6:00pm in HC-212 or Clovis Community College on Wednesday, 01/26 from 5:00-6:00pm in AC1-187.)

COUNSELING

COUN 53  COLLEGE/LIFE MGMT (3 Units)
This course is designed for first-year college students. It will prepare students for college life and academic success. Topics will include personal growth and development, academic goal development, campus resources, student success strategies, diversity and cultural awareness, and maintaining a healthy lifestyle. ADVISORIES: Eligibility for English 125, 126, and Mathematics 201. (A, CSU)

Full Term Class Offering(s)
COUN 53-80720 TTh 9:30am-10:45 AC2 176 STAFF
CRIMINOLOGY

CRIM 1  INTRO TO CRIM (3 Units)
This course introduces students to the history and philosophy of the United States criminal justice system. It also analyzes theories of crime and crime causation in conjunction with how law is developed. Additionally, the course examines sentencing and incarceration processes. ADVISORIES: Eligibility for English 1A. (A, CSU, UC)(C-ID AJ 110)

Short Term Class Offering(s)
CRIM 1-80719  S  8:00am-11:05  AC2 182  S.CHENEY
Meets from 01/15 to 05/14

Online Class Offering(s)
CRIM 1-80714  WEB  ARR  WEB  E.TOSTADO
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course. Please contact the instructor through Canvas for more information.)

CRIM 3  LEGAL EVIDENCE (3 Units)
This course examines categories of evidence and legal rules which govern their admissibility or exclusion in a United States court of law. ADVISORIES: Eligibility for English 1A. (A, CSU) (C-ID AJ 124)

Full Term Class Offering(s)
CRIM 3-80715  MWF  10:00am-10:50  AC1 187  G.ELLIOTT

CRIM 6  Criminal Law (3 Units)
Criminal Law offers an analysis of the history and the philosophy of criminal liability in the United States, as well as an understanding of the classification of crimes against property and persons. This course discusses the most frequently used criminal statutes in the United States as well as those most used in the state of California. ADVISORIES: Eligibility for English 1A. (A, CSU) (C-ID AJ 120)

Full Term Class Offering(s)
CRIM 6-80716  MWF  8:00am-8:50  AC1 187  G.ELLIOTT

Online Class Offering(s)
CRIM 6-80717  WEB  ARR  WEB  R.GALLEGOS
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course. Please contact the instructor through Canvas for more information.)
CRIM 6-80718  WEB  ARR  WEB  E.TOSTADO
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course. Please contact the instructor through Canvas for more information.)
CRIM 7  POLICE OPER/PROC (3 Units)
This course explores the theories, philosophies, and concepts related to the line law enforcement officer. Additionally, the course places special emphasis on patrol, traffic, and public service responsibilities and their relationship to the criminal justice system. ADVISORIES: Eligibility for English 1A.(A, CSU)

Full Term Class Offering(s)
CRIM 7-80733 MWF 9:00am-9:50 AC1 187 G.ELLIOTT

CRIM 11  Juvenile Delinquency (3 Units)
This course explores the origins of juvenile law as well as issues relating to juvenile delinquency. It also analyzes the juvenile court system and its processes. ADVISORIES: Eligibility for English 1A. (A, CSU) (C-ID AJ 220)

Full Term Class Offering(s)
CRIM 11-80734 TTh 10:00am-11:15 AC1 187 R.GALLEGOS

CRIM 15  Police Ethics (3 Units)
This course examines the philosophical and theoretical issues related to the ethical considerations that are faced in every aspect of the criminal justice system. Also, the course is designed to challenge students in the areas of morality, ethics, and human behavior. ADVISORIES: Eligibility for English 1A. (A, CSU)

Online Class Offering(s)
CRIM 15-80735 WEB ARR WEB S.CHENEY
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course. Please contact the instructor through Canvas for more information.)

CRIM 20  Intro to Corrections (3 Units)
This course examines the history, philosophy, and concepts of the United States correctional system. Additionally, the course presents a critical analysis of punishment and its alternatives, as well as a review of the various types of correctional facilities employed in the United States. ADVISORIES: Eligibility for English 1A. (A, CSU) (C-ID AJ 200: CRIM-20 & CRIM 28)

Full Term Class Offering(s)
CRIM 20-80736 TTh 11:30am-12:45 AC1 187 R.GALLEGOS

DANCE

DANCE 9  DANCE CONDITIONING (1 Units)
This course is designed for students to learn basic conditioning skills for dance. Instruction includes techniques that promote body awareness, improve body alignment and expedite body ability for dance skills. This course is designed for students of all ages and fitness levels. ADVISORIES: Eligibility for English 125 or 126. (A, CSU, UC)

Short Term Class Offering(s)
DANCE 9-80275 TTh 11:00am-12:20 AC2 102 A.GARVIN
Meets from 01/25 to 05/19
<table>
<thead>
<tr>
<th>Section Number</th>
<th>Days</th>
<th>Times</th>
<th>Building/Room</th>
<th>Instructor</th>
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<tbody>
<tr>
<td>DANCE 10</td>
<td>MODERN DANCE (1 Units)</td>
<td>This course is designed to teach modern dance exercises and improvisations involving body movement, rhythm, design, dynamics, technique, and expression. Students will learn body conditioning exercises for posture, strength, and flexibility. ADVISORIES: Eligibility for English 125 and 126. (A, CSU, UC)</td>
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<tr>
<td>Short Term Class Offering(s)</td>
<td>DANCE 10-80270</td>
<td>TTh 2:00pm-3:20</td>
<td>AC2 102</td>
<td>A.GARVIN</td>
</tr>
<tr>
<td>DANCE 12A</td>
<td>Ballet (1 Units)</td>
<td>Fundamental technique of classical Ballet using barre exercises and center work. Basic concepts of ballet dance vocabulary and ballet terminology for the beginning student. ADVISORY: Eligibility for English 1A recommended. (A, CSU, UC)</td>
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<td>Short Term Class Offering(s)</td>
<td>DANCE 12A-80271</td>
<td>TTh 3:30pm-4:50</td>
<td>AC2 102</td>
<td>A.GARVIN</td>
</tr>
<tr>
<td>DANCE 14</td>
<td>BEG JAZZ DANCE (1 Units)</td>
<td>This course is a study of contemporary dance style, modified from ballet and modern dance. Students will utilize basic steps and isolated body parts conditioning exercises for strength, flexibility, balance, and alignment done in a rhythmic form to jazz and other contemporary music. ADVISORIES: Eligibility for English 125 and 126. (A, CSU, UC)</td>
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<tr>
<td>Short Term Class Offering(s)</td>
<td>DANCE 14-80272</td>
<td>TTh 12:30pm-1:50</td>
<td>AC2 102</td>
<td>A.GARVIN</td>
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<tr>
<td>DANCE 15</td>
<td>INTER JAZZ TECH (1 Units)</td>
<td>Dance 15 is a progressive refinement of jazz dance technique, building upon skills and techniques covered in Dance 14. Students will utilize basic and intermediate steps and isolated body parts conditioning exercises for strength, flexibility, balance, and alignment done in a rhythmic form to jazz and other contemporary music. ADVISORIES: English 125 and 126. (A, CSU)</td>
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<tr>
<td>Full Term Class Offering(s)</td>
<td>DANCE 15-80273</td>
<td>TTh 12:30pm-1:50</td>
<td>AC2 102</td>
<td>A.GARVIN</td>
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<tr>
<td>DANCE 28</td>
<td>INT MODERN DANCE (1 Units)</td>
<td>Dance 28 is a progressive refinement of modern dance technique, building upon skills and techniques covered in Dance 10. Dance 28 covers an intermediate-level modern dance, emphasis on up-side down movement, fast-pace locomotor patterns, and weight sharing. ADVISORIES: English 125 and 126. (A, CSU)</td>
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<tr>
<td>Short Term Class Offering(s)</td>
<td>DANCE 28-17646</td>
<td>TTh 2:00pm-3:20</td>
<td>AC2 102</td>
<td>A.GARVIN</td>
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Meets from 01/25 to 05/19
**EARLY CHILDHOOD EDUCATION (formerly Child Development)**

**ECE 1 (formerly CHDEV 1) Prin & Pract of Tchng Yng Chl (3 Units)**
An examination of the underlying theoretical principles of developmentally appropriate practices applied to programs and environments, emphasizing the key role of relationships, constructive adult-child interactions, and teaching strategies in supporting physical, social, creative and intellectual development for children. This course includes a review of the historical roots of early childhood programs and the evolution of the professional practices promoting advocacy, ethics and professional identity. ECE-1 was formerly CHDEV-1.

ADVISORIES: Eligibility for English 1A or English 1AH. (A, CSU) (C-ID ECE 120)

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<tr>
<th>Full Term Class Offering(s)</th>
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<tbody>
<tr>
<td>ECE 1-80776</td>
<td>MW</td>
<td>10:30am-11:45</td>
<td>CD 101</td>
<td>E.ROMERO</td>
</tr>
<tr>
<td>ECE 1-80778</td>
<td>TTh</td>
<td>10:30am-11:45</td>
<td>CD 102</td>
<td>H.BOYNTON</td>
</tr>
<tr>
<td>ECE 1-80775</td>
<td>M</td>
<td>6:00pm-9:05</td>
<td>CD 101</td>
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<tr>
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<td>(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course. Please contact the instructor through Canvas for more information.)</td>
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**ECE 2 (formerly CHDEV 39) Child Grth and Dev (3 Units)**
This course examines basic theories, research, as well as concepts and principles of physical, psychosocial, cognitive and language development. Exploration of these aspects of development taking place from conception through adolescence. Emphasis is placed on environmental and genetic influences on typical and atypical development. ECE-2 was formerly CHDEV-39. ADVISORIES: Eligibility for English 1A or English 1AH. (A, CSU-GE, UC, I) (C-ID CDEV 100)

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<th>Full Term Class Offering(s)</th>
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<tbody>
<tr>
<td>ECE 2-80795</td>
<td>MWF</td>
<td>9:00am-9:50</td>
<td>CD 102</td>
<td>H.BOYNTON</td>
</tr>
<tr>
<td>ECE 2-80796</td>
<td>TTh</td>
<td>11:00am-12:15</td>
<td>AC1 150</td>
<td>S.PFEIFFER-TURPEN</td>
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<tr>
<td>ECE 2-80797</td>
<td>W</td>
<td>6:30pm-9:20</td>
<td>AC1 150</td>
<td>S.PFEIFFER-TURPEN</td>
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<td>ECE 2-80798</td>
<td>WEB</td>
<td>ARR</td>
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<td>(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course. Please contact the instructor through Canvas for more information.)</td>
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<tr>
<td>ECE 2-80799</td>
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<td>(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course. Please contact the instructor through Canvas for more information.)</td>
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**ECE 3 (formerly CHDEV 3) Intro to Curriculum (3 Units)**
This course presents an overview of knowledge and skills related to providing appropriate curriculum and environments in early childhood education. Students examine a teacher's role in supporting learning and development in young children with an emphasis on the essential role of play. Students study an overview of content areas including but not limited to: Language and literacy, social and emotional learning, sensory learning, art and creativity, math and science. ECE-3 was formerly CHDEV-3. ADVISORIES: Eligibility for English 1A or English 1AH. PREREQUISITE: Verification of immunization against influenza, pertussis, and measles, and freedom from tuberculosis. (A, CSU)(C-ID ECE 130)

**Full Term Class Offering(s)**

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<tr>
<td>ECE 3-80784</td>
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<td>12:00pm-2:50</td>
<td>CD 102</td>
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<td>S.PFEIFFER-TURPEN</td>
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(Students are required to do 18 hours of arranged lab during the course of the semester. Prerequisites: Verification of immunization against influenza, pertussis, measles, and freedom from tuberculosis.)

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<th>Course</th>
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<tr>
<td>ECE 3-80785</td>
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<td>6:00pm-8:50</td>
<td>CD 102</td>
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(Students are required to do 18 hours of arranged lab during the course of the semester. Prerequisites: Verification of immunization against influenza, pertussis, measles, and freedom from tuberculosis.)

**ECE 4 (formerly CHDEV 30) Child, Family, and Community (3 Units)**
An examination of the developing child in a societal context focusing on the interrelationship of family, school and community emphasizes historical and social-cultural factors. The processes of socialization and identity development are highlighted, showing the importance of respectful, reciprocal relationships that support and empower families. ECE-4 was formerly CHDEV-30. ADVISORIES: Eligibility for English 1A or English 1AH. (A, CSU, UC, CSU-GE, I) (C-ID CDEV 110)

**Full Term Class Offering(s)**

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<tbody>
<tr>
<td>ECE 4-80788</td>
<td>MW</td>
<td>9:00am-10:15</td>
<td>CD 101</td>
<td>E.ROMERO</td>
</tr>
<tr>
<td>ECE 4-80787</td>
<td>Th</td>
<td>6:00pm-8:50</td>
<td>CD 101</td>
<td>STAFF</td>
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**Online Class Offering(s)**

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<th>Course</th>
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<th>Times</th>
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<tbody>
<tr>
<td>ECE 4-80789</td>
<td>WEB</td>
<td>ARR</td>
<td>WEB</td>
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<tr>
<td>ECE 4-80790</td>
<td>WEB</td>
<td>ARR</td>
<td>WEB</td>
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<tr>
<td>ECE 4-80791</td>
<td>WEB</td>
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(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course. Please contact the instructor through Canvas for more information.)
ECE 5 (formerly CHDEV 20) Obsrvtn & Assessmt (3 Units)
This course focuses on the appropriate use of assessment and observation strategies to document development, growth, play and learning to join with families and professionals in promoting children's success. Recording strategies, rating systems, portfolios, and multiple assessment tools are explored. ECE-5 was formerly CHDEV-20. PREREQUISITES: Early Childhood Education 1, 2, and 3. ADVISORIES: Eligibility for English 1A or English 1AH. (A, CSU) (C-ID ECE 200)

Full Term Class Offering(s)
ECE 5-80783 MW 12:00pm-1:15 CD 101 E.ROMERO
(Prerequisites: Verification of immunization against influenza, pertussis, measles, and freedom from tuberculosis.)

ECE 6 (formerly CHDEV 6) Hlth/Safety/Nutrn (3 Units)
Introduction to the laws, regulations, standards, policies and procedures and early childhood curriculum related to child health, safety and nutrition. Prevention, detection, and management of communicable disease medical issues associated with disabilities and chronic illness physical health mental health and safety for both children and adults collaboration with families and health professionals are discussed. Integration of the concepts discussed into planning and program development for children ages 0 to 5 are emphasized. ECE-6 was formerly CHDEV-6. ADVISORIES: Eligibility for English 1A and English 1AH. (A,

Full Term Class Offering(s)
ECE 6-80800 M 6:00pm-8:50 CD 102 STAFF

ECE 7 (formerly CHDEV 15) Diversity & Culture (3 Units)
Examination of the development of social identities in diverse societies including theoretical and practical implications of oppression and privilege as they apply to young children, families, programs, classrooms and teaching. Various classroom strategies are explored emphasizing culturally and linguistically responsive teaching and appropriate anti-bias approaches supporting all children in becoming competent members of a diverse society. Course includes self-examination and reflection on issues related to social identity, stereotypes and bias, social and educational access, media and schooling. ECE-7 was formerly CHDEV-15. ADVISORIES: Eligibility for English 1A or English 1AH. (A,

Full Term Class Offering(s)
ECE 7-80781 TTh 9:00am-10:15 CD 102 H.BOYNTON

ECE 8 (formerly CHDEV 37A) Erly Chldhd Practicum (3 Units)
This course integrates curriculum design, implementation, and evaluation of developmentally appropriate experiences that promote positive development and learning for all young children, in a supervised lab school setting or in early childhood programs with mentor teachers. Child centered play-oriented approaches to teaching, learning and assessment are emphasized. Students utilize practical classroom experience to make connections between theory and practice, develop professional behaviors and build a comprehensive understanding of children and families. ECE-8 was formerly CHDEV-37A. PREREQUISITES: Early Childhood Education 1, 2, 3, and 5. Verification of immunization against influenza, pertussis and measles and freedom from tuberculosis. ADVISORIES: Eligibility for English 1A or English 1AH. (A,CSU) (C-ID ECE 210)

Full Term Class Offering(s)
ECE 8-80792 W 6:00pm-7:50 CD 102 H.BOYNTON
and TBA TBA ARR H.BOYNTON
(This class requires three arranged lab hours each week. Prerequisites: Verification of immunization against influenza, pertussis, measles, and freedom from tuberculosis.)
ECE 14 (formerly CHDEV 38) Lifespan Development (3 Units)
Basic theories, research concepts and principles of physical, cognitive and psycho-social development, including biological and environmental influences, are explored with a focus on each major stage of life from conception to death. This course is designed to promote critical self-understanding. Students apply developmental theory to major topics, including developmental problems, that occur throughout one’s lifespan. ECE-14 was formerly CHDEV-38. ADVISORIES: Eligibility for English 1A or English 1AH. (A, CSU-GE, UC, I) (C-ID PSY 180)

Online Class Offering(s)
ECE 14-80793 WEB ARR WEB S.PFEIFFER-TURPEN
Meets from 01/31 to 05/20 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course. Please contact the instructor through Canvas for more information.)
ECE 14-80794 WEB ARR WEB STAFF
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course. Please contact the instructor through Canvas for more information.)

ECE 19V (formerly CHDEV 19V) Coop Wk Exp, Chdev (1-8 Units)
Course give students experience in a childcare, early intervention, special education or educational facility. Students specialize their work experience at the level needed to accomplish their educational / career goals. These various levels of work experience include working with infants, toddlers, preschool, or grades K-12. Students gaining work experience towards the Early Intervention Assistant Certificate are required to complete their work experience at a facility that includes typically and atypically developing children. Students may enroll for a maximum of 8 units per semester. Students may earn a total of 16 units in work experience of which only 6 may be in COTR 19G. ECE-19V was formerly CHDEV-19V. (A, CSU)

Full Term Class Offering(s)
ECE 19V-80782 ARR ARR ARR STAFF
(Students are required to attend an orientation meeting at Clovis Community College on Tuesday, 01/18 from 6:00-7:00pm in the Child Development Lab School. To register for this class, please contact instructor heather.boynton@cloviscollege.edu. Prerequisites: Verification of immunization against influenza, pertussis, measles, and freedom from

ECE 30 (formerly CHDEV 11) The Young Child With Spcl Nds (3 Units)
Introduces the variations in development of children with special needs ages birth through eight and the resulting impact on families. The course includes an overview of historical and societal influences, laws relating to children with special needs, and the identification and referral process for children. ECE-30 was formerly CHDEV-11. ADVISORIES: Eligibility for English 1A or English 1AH. (A, CSU)

Short Term Class Offering(s)
ECE 30-80780 Th 6:00pm-9:05 CD 102 H.HOLLEY-SHARP
Meets from 01/27 to 05/19
ECONOMICS

ECON 1A  MACROECONOMICS (3 Units)
An introduction to macroeconomic theory and aggregate economic analysis covers market systems, the banking system, international economics, economic policy, national income accounting, unemployment and inflation, and economic growth. PREREQUISITES: Mathematics 201. ADVISORIES: Eligibility for English 1A and Mathematics 103. (A, CSU, CSU-GE, UC, I) (C-ID ECON 202)

Full Term Class Offering(s)
ECON 1A-80632  T   6:00pm-8:50   AC2 284   E.HERNANDEZ
ECON 1A-80631  Th  6:00pm-8:50   AC2 284   N.ALANIS

Online Class Offering(s)
ECON 1A-80635  WEB   Arr   WEB   L.SCHWENDIMAN
Meets from 01/24 to 05/20 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course. Please contact the instructor through Canvas for more information.)
ECON 1A-80633  WEB   Arr   WEB   G.SRINIVASAN
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course. Please contact the instructor through Canvas for more information.)
ECON 1A-80634  WEB   Arr   WEB   STAFF
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course. Please contact the instructor through Canvas for more information.)
ECON 1A-80636  WEB   Arr   WEB   V.PIPER
Meets from 03/14 to 05/20 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course. Please contact the instructor through Canvas for more information.)

ECON 1B  MICROECONOMICS (3 Units)
An introduction to microeconomic theory covers the choices of individual economic decision makers, elasticity, scarcity, income distribution, market structure, market failure, production and cost theory, specialization and trade, and the role of the public sector. PREREQUISITES: Mathematics 201. ADVISORIES: Eligibility for English 1A and Mathematics 103. (A, CSU, CSU-GE, UC, I) (C-ID ECON 201)

Full Term Class Offering(s)
ECON 1B-80637  TTh  2:00pm-3:15   AC2 284   E.HERNANDEZ
ECON 1B-80638  TTh  4:00pm-5:15   AC2 275   E.HERNANDEZ
ECON 1B-80639  W  6:00pm-8:50   AC2 284   STAFF

Online Class Offering(s)
ECON 1B-80642  WEB   Arr   WEB   G.SRINIVASAN
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course. Please contact the instructor through Canvas for more information.)
ECON 1B-80643  WEB   Arr   WEB   N.ALANIS
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course. Please contact the instructor through Canvas for more information.)
ECON 1B-80644  WEB   Arr   WEB   N.ALANIS
ECON 1B-80641 WEB ARR WEB V.PIPER
Meets from 03/14 to 05/20 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course. Please contact the instructor through Canvas for more information.)

EDUC 10 INTRO TO TEACH (3 Units)
This course introduces students to the concepts and issues related to teaching diverse learners in contemporary schools, Kindergarten through grade 12 (K-12). Topics include teaching as a profession and career, historical and philosophical foundations of the American education system, contemporary educational issues, California’s content standards and frameworks, and teacher performance standards. In addition to class time, the course requires a minimum of 45 hours of structured fieldwork in K-12 classrooms that represent California’s diverse student population, and includes cooperation with at least one carefully selected and campus-approved certificated classroom teacher. Students need to do their observation in a classroom that is in line with their degree plans. Single subject majors (History, Math, English, etc.) need to observe in subject area at a high school or junior high. Multiple subject students need to do their observations in an elementary school or junior high school. ADVISORIES: Eligibility for English 125 and English 126. (A, CSU, UC)(C-ID EDUC 200)

Full Term Class Offering(s)
EDUC 10-80281 W 11:00am-12:50 AC2 284 M.BENNETT
TBA TBA ARR M.BENNETT
(Students are required to do 48 hours of K-12 observations during the course of the)
EDUC 10-80277 Th 1:00pm-2:50 CD 102 STAFF
TBA TBA ARR STAFF
(Dual Enrollment Clovis North Students Only. Students are required to do 48 hours of K-12 observations during the course of the semester.)
EDUC 10-80276 M 6:00pm-8:05 AC2 181 STAFF
TBA TBA ARR STAFF
(Students are required to do 48 hours of K-12 observations during the course of the)

Online Class Offering(s)
EDUC 10-80279 WEB ARR WEB B.NABORS
TBA TBA ARR B.NABORS
Meets from 01/10 to 04/22 (Dual Enrollment CHS/CEHS Students Only. This is an online class with mandatory off-campus student observations. Students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course. Students are required to do 48 hours of K-12 observations during this semester. Please contact the instructor through Canvas for more information.)
EDUC 10-80280 WEB ARR WEB B.NABORS
TBA TBA CCC WEB B.NABORS
Meets from 01/10 to 04/22 (This is an online class with mandatory off-campus student observations. Students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course. Students are required to do 48 hours of K-12 observations during this semester. Please contact the instructor through Canvas for more information.)
ENGINEERING

ENGR 2  Engr Graphics (4 Units)
This course covers the principles of engineering drawings in visually communicating engineering designs and an introduction to computer-aided design (CAD). Topics include the development of visualization skills, orthographic projections, mechanical dimensioning and tolerancing practices, and the engineering design process. Assignments develop sketching and 2-D and 3-D CAD skills. The use of CAD software is an integral part of the course. PREREQUISITES: Mathematics 4A. ADVISORIES: Eligibility for English 1A.(A, CSU, UC)(C-ID ENGR 150)

Full Term Class Offering(s)
ENGR 2-80786 TTh 8:00am-9:15 AC1 108 C.GLAVES
and TTh 9:30am-10:50 AC1 108 C.GLAVES

ENGR 5  Progr and Prob-Solv in Matlab (3 Units)
This course utilizes the MATLAB environment to provide students with a working knowledge of computer-based problem-solving methods relevant to science and engineering. It introduces the fundamentals of procedural and object-oriented programming, numerical analysis, and data structures. Examples and assignments in the course are drawn from practical applications in engineering, physics, and mathematics.
PREREQUISITE: Mathematics 5A. ADVISORY: Eligibility for English 1A or English 1AH.(A, CSU, UC)

Full Term Class Offering(s)
ENGR 5-80100 TTh 6:00pm-6:50 AC1 214 STAFF
and TTh 7:00pm-8:15 AC1 214 STAFF

ENGR 6  ELEC CIRC W/LAB (4 Units)
An introductory course in the analysis of DC and AC linear circuits containing resistors, inductors, capacitors, independent and dependent voltage and current sources, and operational amplifiers. Lecture topics include Ohm's Law, Kirchhoff's Laws, loop and mesh analysis, Thevenin's and Norton's Theorems, superposition, natural and forced response in first and second order circuits, phasor analysis, resonance, AC steady-state power calculations, power transfer, and energy concepts. Lab component includes construction, testing, and analysis of linear electrical circuits. PREREQUISITES: Physics 4B. COREQUISITES: Mathematics 17. ADVISORIES: Eligibility for English 1A. (A, CSU, UC)(C-ID ENGR 260, ENGR 260L)

Full Term Class Offering(s)
ENGR 6-80101 MW 2:00pm-3:15 AC1 106 C.GLAVES
and Th 2:00pm-4:50 AC1 208 C.GLAVES

ENGR 8  Statics (3 Units)
The study of rigid bodies in static equilibrium when acted upon by forces and couples in two- and three-dimensional space. Includes equilibrium of rigid bodies, trusses, frames and machines, friction, shear and bending moment diagrams, as well as the calculation of centers of mass, centroids, and moments of inertia. PREREQUISITES: Physics 4A. COREQUISITES: Mathematics 6. ADVISORIES: Eligibility for English 1A. (A, CSU, UC)(C-ID ENGR 130)

Full Term Class Offering(s)
ENGR 8-80103 TTh 7:30pm-8:45 AC1 106 STAFF
ENGR 10 INTRO TO ENGR (2 Units)
This course is an introduction to the engineering profession for students interested in a career in engineering or technology. Topics include the branches of engineering, the functions of an engineer, and the industries in which engineers work. Students also investigate education plans, internships, the design process, analytical problem solving techniques, project management, and professional ethics. Hands-on projects are used extensively in the course. ADVISORIES: Eligibility for English 1A, and eligibility for Mathematics 201. (A, CSU, UC)

Full Term Class Offering(s)
ENGR 10-80092  T  5:30pm-7:20  AC1 106  STAFF
ENGR 10-80093  Th  5:30pm-7:20  AC1 106  STAFF

ENGLISH
ENGL 1A READ & COMP (4 Units)
Students read, analyze, and compose college-level prose, with emphasis on the expository read and analyze at least one book-length text study writing as a process explore different composing structures and strategies edit and revise their own writing and conduct research (gather, organize, evaluate, integrate, and document information, culminating in a term research paper and annotated bibliography. Students write a minimum of 6,000 words in formal academic language. PREREQUISITES: English 125 and 126 or Interdisciplinary Studies 251 or placement through college assessment process. (A, CSU-GE, UC, I) (C-ID ENGL 100)

Full Term Class Offering(s)
ENGL 1A-80315  MW  8:00am-9:50  AC1 293  STAFF
(Concurrent enrollment with Engl-205-80338 is required)
ENGL 1A-80305  MW  8:00am-9:50  AC2 182  STAFF
(Concurrent enrollment with Engl-205-80334 is required)
ENGL 1A-80302  MW  8:00am-9:50  AC2 184  STAFF
(Concurrent enrollment with Engl-205-80331 is required)
ENGL 1A-80283  TTh  8:00am-9:50  AC2 182  STAFF
ENGL 1A-80289  TTh  8:00am-9:50  AC2 183  STAFF
ENGL 1A-80295  TTh  8:00am-9:50  AC2 184  STAFF
ENGL 1A-80307  TTh  8:00am-9:50  AC2 185  STAFF
ENGL 1A-80316  MW  10:00am-11:50  AC1 293  STAFF
(Concurrent enrollment with Engl-205-80339 is required)
ENGL 1A-80306  MW  10:00am-11:50  AC2 183  STAFF
(Concurrent enrollment with Engl-205-80335 is required)
ENGL 1A-80303  MW  10:00am-11:50  AC2 184  STAFF
(Concurrent enrollment with Engl-205-80332 is required)
ENGL 1A-80284  TTh  10:00am-11:50  AC2 182  STAFF
ENGL 1A-80290  TTh  10:00am-11:50  AC2 183  STAFF
ENGL 1A-80296  TTh  10:00am-11:50  AC2 184  STAFF
ENGL 1A-80320  TTh  10:00am-11:50  AC2 185  STAFF
ENGL 1A-80308  MW  12:00pm-1:50  AC1 293  STAFF
(Concurrent enrollment with Engl-205-80336 is required)
ENGL 1A-80318  MW  12:00pm-1:50  AC2 183  STAFF
(Concurrent enrollment with Engl-205-80340 is required)
ENGL 1A-80304  MW  12:00pm-1:50  AC2 184  STAFF
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<td>ENGL 1A-80300</td>
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<td>ENGL 1A-80314</td>
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<td>6:00pm-7:50</td>
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(Concurrent enrollment with Engl-205-80333 is required)

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(Concurrent enrollment with Engl-205-80337 is required)

**Online Class Offering(s)**

- ENGL 1A-80311 WEB ARR WEB STAFF
  (This is a 100% online class. Students that are enrolled must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course. Please contact the instructor through Canvas for more information.)
- ENGL 1A-80312 WEB ARR WEB STAFF
  (This is a 100% online class. Students that are enrolled must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course. Please contact the instructor through Canvas for more information.)
- ENGL 1A-80313 WEB ARR WEB STAFF
  (This is a 100% online class. Students that are enrolled must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course. Please contact the instructor through Canvas for more information.)
- ENGL 1A-80326 WEB ARR WEB STAFF
  (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.)
ENGL 1B  INTRO LITERATURE (3 Units)
This course introduces representative works from major genres, develops students' close reading and analytical writing skills, and promotes appreciation and critical understanding of the cultural, historical, and aesthetic qualities of literature. PREREQUISITES: English 1A or 1AH. (A, CSU-GE, UC, I) (C-ID ENGL 120)

Full Term Class Offering(s)
ENGL 1B-80330  TTh  10:00am-11:15  AC1 293  STAFF
ENGL 1B-80329  MW  2:00pm-3:15  AC2 183  STAFF

ENGL 3  CRIT RDG & WRIT (3 Units)
This course is designed to develop critical thinking, reading, and writing skills beyond the level achieved in English 1A/1AH. The course focuses on the development of logical reasoning and analytical and argumentative writing skills based primarily on works of non-fiction in a variety of media. Students write a minimum of 6,000 words during the course of the semester, including one essay of at least 2,000 words. PREREQUISITES: English 1A or 1AH. (A, CSU-GE, UC, I) (C-ID ENGL 105)

Full Term Class Offering(s)
ENGL 3-80359  MW  8:00am-9:15  AC1 193  STAFF
ENGL 3-80350  MWF  8:00am-8:50  AC2 183  STAFF
ENGL 3-17948  MWF  8:00am-8:50  AC2 185  STAFF
ENGL 3-80351  MWF  9:00am-9:50  AC2 183  STAFF
ENGL 3-80343  MWF  10:00am-10:50  AC2 182  STAFF
ENGL 3-80344  MWF  11:00am-11:50  AC2 182  STAFF
ENGL 3-80345  MWF  12:00pm-12:50  AC2 182  STAFF
ENGL 3-80353  MW  1:00pm-2:15  AC2 185  STAFF
ENGL 3-80346  MWF  1:00pm-1:50  AC2 182  STAFF
ENGL 3-80352  MW  2:00pm-3:15  AC2 182  STAFF
ENGL 3-80360  TTh  2:00pm-3:15  AC1 293  STAFF
ENGL 3-80354  MW  2:30pm-3:45  AC2 185  STAFF
ENGL 3-80369  MW  3:00pm-4:15  AC1 293  STAFF
ENGL 3-80348  MW  3:30pm-4:45  AC2 182  STAFF
ENGL 3-80347  MW  3:30pm-4:45  AC2 183  STAFF
ENGL 3-80370  TTh  3:30pm-4:45  AC1 293  STAFF
ENGL 3-80361  T  6:00pm-8:50  AC1 293  STAFF
ENGL 3-80349  T  6:00pm-8:50  AC2 182  STAFF
ENGL 3-80355  Th  6:00pm-8:50  AC2 182  STAFF

Online Class Offering(s)
ENGL 3-80358  WEB  ARR  WEB  STAFF
(This is a 100% online class. Students that are enrolled must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course. Please contact the instructor through Canvas for more information.)
ENGL 3-80368  WEB  ARR  WEB  STAFF
(This is a 100% online class. Students that are enrolled must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course. Please contact the instructor through Canvas for more information.)
ENGL 3H  HON CRIT RDG/WRT (3 Units)
This is a course designed to develop critical thinking, reading, and writing skills beyond the level achieved in English 1A/1AH. The course focuses on the development of logical reasoning and analytical and argumentative writing skills based primarily on works of non-fiction. Students analyze classical and contemporary essays and synthesize critical research. As an Honor's section, this class employs enhanced teaching methods such as seminar approach and assignments calling for a higher level of critical thinking. Students write a minimum of 8,000 words during the course of the semester, including one essay of at least 2,000 words. PREREQUISITES: English 1A or 1AH. (A, CSU-GE, UC, I) (C-ID ENGL 105)
ENGL 3H-***** MW 2:00pm-3:15 AC1 193 STAFF
(Advisory: This class is reserved for students who have been accepted into the Honors Program. Interested students are encouraged to contact Tasha Hutchings at [559] 325-5304.)

Full Term Class Offering(s)
ENGL 3H-80372 TTh 2:00pm-3:15 AC1 193 STAFF
(Advisory: This class is reserved for students who have been accepted into the Honors Program. Interested students are encouraged to contact Tasha Hutchings at [559] 325-5304.)

ENGL 15A  CREAT WRT:POETRY (3 Units)
English 15A is intended for students interested in writing poetry the course includes appropriate exercises, readings, and analyses of published and student work. PREREQUISITE: English 1A or English 1AH. (A, CSU, UC) (C-ID ENGL 200: ENGL 15A & ENGL 15B)

Full Term Class Offering(s)
ENGL 15A-80282 W 6:00pm-8:50 AC2 184 STAFF

ENGL 43A  AM LIT THROUGH 1877 (3 Units)
Readings in American literature from the Colonial period through Reconstruction. Fiction, poetry, and non-fiction are placed into their historical and philosophical contexts. Discussion and written responses are based on the reading. PREREQUISITES: English 1A or English 1AH. (A, CSU, CSU-GE, UC, I) (C-ID ENGL 130)

Full Term Class Offering(s)
ENGL 43A-80373 TTh 2:00pm-3:15 AC2 185 STAFF

ENGL 46A  British Literature (3 Units)
A study of significant voices in British literature from the early epic through the Eighteenth Century. Fiction, poetry, drama, and non-fiction are placed into their historical and philosophical contexts. PREREQUISITES: English 1A or 1AH. (A, CSU, CSU-GE, UC, I) (ENGL 160)

Full Term Class Offering(s)
ENGL 46A-80374 TTh 12:00pm-1:15 AC2 185 STAFF

ENGL 72  Writg Cntr Theory (1 Units)
This course provides instruction and guided practice in peer learning assistance. The course is intended for those interested in helping students with reading and writing assignments while also enhancing their own reading and writing skills. Reader-based feedback and active learning strategies are practiced. Areas for study include composition theory, collaborative learning, writing centers, and reading and writing across the curriculum. PREREQUISITES: Eligibility for English 125 or 126 or placement by assessment. (A, CSU)

Short Term Class Offering(s)
ENGL 72-80375 MW 2:00pm-2:50 AC1 293 STAFF
and TBA TBA ARR STAFF
Meets from 01/10 to 03/09 (Requires 1.0 arranged hour each week.)
ENGL 72A  Adv Writing Center Thry & Prac (1 Units)
This course provides instruction and guided practice in peer tutoring strategies focusing on the needs of various types of student writers and different tutoring contexts. The course specifically addresses tutoring strategies for ESL students, students with learning disorders and learning style differences, students with discipline-specific writing needs, as well as for online sessions and classroom-embedded interactions. Specialized reader-based feedback and active learning strategies are practiced. PREREQUISITES: English 72.
(A, CSU)

Short Term Class Offering(s)
ENGL 72A-80376  MW  2:00pm-2:50  AC1 293  STAFF
and  TBA  TBA  ARR  STAFF
Meets from 03/14 to 05/18 (Requires 1.0 arranged hour each week.)

ENGL 205  Strat Skl for Success in Engl (2 Units)
This course will be taught in conjunction with English 1A College Reading and Writing. It will emphasize critical reading, expository and argumentative writing, and mastery of library research techniques. It includes instruction and practice in critical thinking, in analytical reading and evaluation of written work, and in the methods of clearly communicating and supporting ideas in organized, coherent essays. COREQUISITE: English 1A.

Full Term Class Offering(s)
ENGL 205-80338  F  8:00am-9:50  AC1 293  STAFF
(Concurrent enrollment with Engl-1A-80315 is required)
ENGL 205-80334  F  8:00am-9:50  AC2 182  STAFF
(Concurrent enrollment with Engl-1A-80305 is required)
ENGL 205-80331  F  8:00am-9:50  AC2 184  STAFF
(Concurrent enrollment with Engl-1A-80302 is required)
ENGL 205-80339  F  10:00am-11:50  AC1 293  STAFF
(Concurrent enrollment with Engl-1A-80316 is required)
ENGL 205-80335  F  10:00am-11:50  AC2 183  STAFF
(Concurrent enrollment with Engl-1A-80306 is required)
ENGL 205-80332  F  10:00am-11:50  AC2 184  STAFF
(Concurrent enrollment with Engl-1A-80303 is required)
ENGL 205-80336  F  12:00pm-1:50  AC1 293  STAFF
(Concurrent enrollment with Engl-1A-80308 is required)
ENGL 205-80340  F  12:00pm-1:50  AC2 183  STAFF
(Concurrent enrollment with Engl-1A-80318 is required)
ENGL 205-80333  F  12:00pm-1:50  AC2 184  STAFF
(Concurrent enrollment with Engl-1A-80304 is required)
ENGL 205-80337  MW  8:00pm-8:50  AC1 193  STAFF
(Concurrent enrollment with Engl-1A-80314 is required)
ENGL 272  COLL WRTG ASSTNCE (.5-1 Units)
This course is intended for any student requiring help with written compositions in any discipline. The course provides intensive assistance in reading, writing, and critical thinking. Students develop, improve, and refine their critical reading skills and their compositions to sustain focus, employ analysis, reflection, organization, and logical structure. All stages of the writing process are practiced.

Full Term Class Offering(s)
ENGL 272-80341  ARR  ARR  AC1 137  STAFF
(This course requires 1.5 arranged hours per week.)

FILM

FILM 2B  CINEMA 1960-PRES (3 Units)
This course is a survey of significant films and advances in the creation, reception and influence of cinema from 1960 to the present. Instruction will include the international reach and commercial success of the film industry, the hegemony of Western film, the maintenance and the re-tooling of Hollywood as a labor force from the Classical period to the present. Also, this course charts the filmic conventions and advancements of narrative and documentary film, and how film is used as a political argument or as indoctrination. Analyses will include varying film criticisms from feminist to Marxist to reception theory, among others. ADVISORIES: Eligibility for English 125 or 126. (A, CSU-GE, UC, I)

Full Term Class Offering(s)
FILM 2B-80377  F  12:30pm-3:20  AC1 150  K.MIKO

FOODS & NUTRITION

FN 35  Nutritn & Hlth (3 Units)
This course examines the relationship of diet to physical and emotional health. Topics include nutrients, diet patterns throughout the life cycle, and optimal nutrition to reduce the risks of cancer, heart disease, allergies, and other diseases. Students learn and discuss social, psychological, and cultural dictates which affect food selection and health. The course encourages the construction of personal strategies to develop a nutrition plan for better health. This course is designed for students with an interest in Food Services and is not open to students with credit in Food and Nutrition 40, Nutrition. ADVISORIES: Eligibility for English 1A. (A, CSU-GE, UC)

Full Term Class Offering(s)
FN 35-80739  MW  8:00am-9:15  AC1 114  M.KONG

Online Class Offering(s)
FN 35-80738  WEB  ARR  WEB  K.SPACH
Meets from 01/31 to 05/20 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course. Please contact the instructor through Canvas for more information.)
FN 35-80737  WEB  ARR  WEB  M.KONG
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course. Please contact the instructor through Canvas for more information.)

FN 40  Nutrition (3 Units)
This course explores nutrients and their ingestion, digestion, absorption, transport, metabolism, interaction, storage, and excretion. Topics of the course include the relationship of diet to physical and emotional
health, diet patterns through the life cycle, consumer concerns, and recent developments. ADVISORIES: Eligibility for English 1A, and Mathematics 201. (A, CSU, UC)

Online Class Offering(s)
FN 40-80742 WEB ARR WEB K.SPACH
Meets from 01/31 to 05/20 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course. Please contact the instructor through Canvas for more information.)

FN 40-80740 WEB ARR WEB M.KONG
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course. Please contact the instructor through Canvas for more information.)

FN 40-80741 WEB ARR WEB K.SPACH
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course. Please contact the instructor through Canvas for more information.)

FRENCH

FRENCH 1  Beginning French (5 Units)
This beginning course in conversational and written French is for non-native speakers intended for students without previous exposure to French. There is an introduction to pronunciation, vocabulary, idioms, grammar, basic composition, and exploration of the cultures of France and other Francophone countries and regions. ADVISORIES: Eligibility for English 1A. (A, CSU-GE, UC, I)

Full Term Class Offering(s)
FRENCH 1-18020 TTh 10:30am-12:45 AC1 118 STAFF

GEOGRAPHY

GEOG 1  Physical Geography (3 Units)
The course is a spatial study of the Earth’s dynamic physical systems and processes. Topics include: Earth-sun geometry, weather, climate, water, landforms, soil, and the biosphere. Emphasis is on the interrelationships among environmental and human systems and the processes and their resulting patterns and distributions. Tools of geographic inquiry are also briefly covered they include: maps, remote sensing, Geographic Information Systems (GIS) and Global Positioning Systems (GPS) ADVISORY: English 125 and English 126, or Interdisciplinary Studies 251. (A, CSU-GE, UC, I)

Full Term Class Offering(s)
GEOG 1-80386 MWF 8:00am-8:50 AC1 175 L.REYES
GEOG 1-80383 MWF 9:00am-9:50 AC1 175 L.REYES
GEOG 1-80384 TTh 12:30pm-1:45 AC1 175 S.PHILLIPS
GEOG 1-80381 MWF 1:00pm-1:50 AC1 181 J.MCPHEE
GEOG 1-80380 TTh 3:30pm-4:45 AC1 175 S.PHILLIPS
GEOG 1-80379 T 6:00pm-8:50 AC1 206 E.LIEB TOWNSEND

Online Class Offering(s)
GEOG 1-80382 WEB ARR WEB S.PHILLIPS
(This is a 100% online class. Students that are enrolled must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course. Please contact the instructor through Canvas for more information.)
GEOG 6  WORLD REG GEOG (3 Units)
This course covers all of the regions of the world: a study of the physical settings, population patterns, natural resources, and economic and political status of the world's regions. ADVISORIES: English 125 and English 126, or Interdisciplinary Studies 251. (A, CSU, UC, IGETC) (C-ID GEOG 125)

Full Term Class Offering(s)
GEOG 6-80390   TTh 9:30am-10:45 AC1 175  J.MCPHEE
GEOG 6-80391   MWF 10:00am-10:50 AC1 175  J.MCPHEE
GEOG 6-80389   MWF 12:00pm-12:50 AC1 175  J.MCPHEE

GEOG 10  Intro to Gis and Techniques (3 Units)
This is an introduction to the fundamental concepts, principles and methods of geographic information systems (GIS), focusing on the basic analysis, interpretation, display and communication of spatial information. Topics include the identification and acquisition of GIS data, the assessment of different data types, understanding map projections and coordinate systems, and spatial analysis using GIS. ADVISORY: English 125 and English 126, or Interdisciplinary Studies 251. (A, CSU, UC) (C-ID GEOG

Full Term Class Offering(s)
GEOG 10-80387   M 1:30pm-2:35 AC1 114  S.PHILLIPS
and M 2:45pm-3:50 AC1 114  S.PHILLIPS
and W 1:30pm-2:45 AC1 114  S.PHILLIPS
and W 3:00pm-3:50 AC1 114  S.PHILLIPS

GEOG 20  California Geography (3 Units)
This course is a thematic approach to the state's issues, processes and topics relevant to geography including climate, landforms, natural vegetation, water resources, cultural landscape, ethnic diversity, urban and agricultural regions, and the economy. It explores the physical, and human landscapes that have evolved as a result of the human-environment interface. ADVISORY: Eligibility for English 1A recommended. (A, CSU-GE, UC, I)

Online Class Offering(s)
GEOG 20-80388 WEB ARR WEB S.PHILLIPS
(This is a 100% online class. Students that are enrolled must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course. Please contact the instructor through Canvas for more information.)

GEOLOGY

GEOL 1  PHYSICAL GEOL (4 Units)
An introduction to the principles of geology with emphasis on Earth processes. This course focuses on the internal structure and origin of the Earth and the processes that change and shape it. The laboratory component focuses on the identification of rocks and minerals, topographic and geologic map exercises demonstrating the work of water, wind, ice and gravity and effects of tectonic activity. Optional field trips to classic geologic locations. ADVISORIES: Eligibility for English 125, 126, and Mathematics 201 or equivalent. (A, CSU-GE, UC, I) (C-ID GEOL 101)

Full Term Class Offering(s)
GEOL 1-80107   T 1:00pm-3:50 AC1 214  M.SELVANS
and Th 1:00pm-3:50 AC1 214  M.SELVANS
**GEOL 9  INT TO EARTH SCI (4 Units)**
An introduction to the essentials of Earth Science with a laboratory. Topics include the geosphere, atmosphere, hydrosphere, and solar system. This course focuses on the interactions between physical and chemical systems of the Earth such as the tectonic cycle, rock cycle, hydrologic cycle, weather and climate. Optional fieldtrips. ADVISORIES: Eligibility for English 125, 126, and Mathematics 201. (A, CSU-GE, UC, I) (C-ID GEOL 121)

**Full Term Class Offering(s)**
GEOL 9-80109  M  9:00am-12:05  AC1 214  M.SELVANS
and
GEOL 9-80110  M  12:15pm-3:20  AC1 214  M.SELVANS
and
GEOL 9-80108  M  7:00pm-10:05  AC1 214  Y.MENDOZA
and
GEOL 9-8011  M  12:15pm-3:05  AC1 214  M.SELVANS

**HEALTH EDUCATION**

**HLTH 1  CONTEMP HLTH ISS (3 Units)**
This course is designed to introduce the student to a comprehensive study of personal and community health. This course will also introduce the student to health issues at the local, state, and national levels. ADVISORIES: Eligibility for English 125 and 126. (A, CSU-GE, UC)

**Full Term Class Offering(s)**
HLTH 1-80426  TTh  8:00am-9:15  AC2 284  STAFF
HLTH 1-80433  WF  2:00pm-3:15  MINR TBD  K.ZAMORA
(Dual Enrollment - Minarets High School Only)
HLTH 1-80429  MW  3:30pm-4:45  AC2 284  C.ALBERTSON
HLTH 1-80427  M  5:30pm-8:35  AC2 184  STAFF

**Online Class Offering(s)**
HLTH 1-80430  WEB  ARR  WEB  STAFF
(This is a 100% online class. Students that are enrolled must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course. Please contact the instructor through Canvas for more information.)
HLTH 1-80431  WEB  ARR  WEB  STAFF
(This is a 100% online class. Students that are enrolled must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course. Please contact the instructor through Canvas for more information.)
HLTH 1-80432  WEB  ARR  WEB  STAFF
(This is a 100% online class. Students that are enrolled must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course. Please contact the instructor through Canvas for more information.)
### HLTH 2  FIRST AID & SAFETY (3 Units)
This course is designed to prepare citizen responders with the knowledge and skills necessary to respond to emergency and first-aid situations. First aid, CPR, and AED for adults, children and infants are included in this course. Students will be eligible to take American Red Cross certification exams upon successful completion of each respective content area. ADVISORIES: Eligibility for English 125 or 126. (A, CSU, UC) (C-ID KIN 101)

#### Hybrid Class Offering(s)
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<th>Section Number</th>
<th>Days</th>
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<th>Instructor</th>
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<tbody>
<tr>
<td>HLTH 2-80434</td>
<td>TTh</td>
<td>8:00am-9:10</td>
<td>AC2 102</td>
<td>E.GONZALEZ</td>
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<td>TTh</td>
<td>9:30am-10:40</td>
<td>AC2 284</td>
<td>E.GONZALEZ</td>
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<td>and</td>
<td>TBA</td>
<td>TBA</td>
<td>CCC WEB</td>
<td>E.GONZALEZ</td>
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Meets from 02/01 to 02/24 (This is an online class with mandatory meetings on campus. Students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course. This class requires the following mandatory face-to-face meetings at Clovis Community College every Tuesday & Thursday from 8:00-9:10am in room AC2-102 and every Tuesday & Thursday from 9:30-10:40am in room AC2-284. Please contact the instructor through Canvas for more information.)

### HISTORY

#### HIST 1  WEST CIV TO 1648 (3 Units)
This course provides a survey of the political, social, economic, cultural and intellectual developments of European civilization from its prehistoric antecedents in the Middle East to the rise of modern European nations in the seventeenth century. ADVISORIES: Eligibility for English 125 and 126. (A, CSU-GE, UC, I) (C-ID HIST 170)

#### Full Term Class Offering(s)
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<th>Section Number</th>
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<tr>
<td>HIST 1-80392</td>
<td>MWF</td>
<td>8:00am-8:50</td>
<td>AC1 275</td>
<td>G.FONTES</td>
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(CCCAP-CNHS)

#### Online Class Offering(s)
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<td>HIST 1-80394</td>
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<td>ARR</td>
<td>WEB</td>
<td>J.HEYNE HANSON</td>
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(This is a 100% online class. Students that are enrolled must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course. Please contact the instructor through Canvas for more information.)

#### HIST 2  W CIV FROM 1648 (3 Units)
This course provides a survey of the political, social, economic, cultural & intellectual development of European civilization and its impact on non-western societies from the 17th century to the present era. ADVISORIES: Eligibility for English 125 and 126. (A, CSU-GE, UC, I) (C-ID HIST 180)

#### Full Term Class Offering(s)
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<th>Section Number</th>
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<tbody>
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<td>HIST 2-80419</td>
<td>MWF</td>
<td>2:00pm-2:50</td>
<td>AC1 181</td>
<td>J.HEYNE HANSON</td>
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#### Online Class Offering(s)
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<th>Section Number</th>
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<td>ARR</td>
<td>WEB</td>
<td>J.HEYNE HANSON</td>
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(This is a 100% online class. Students that are enrolled must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course. Please contact the instructor through Canvas for more information.)
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<th>Section Number</th>
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<td>This course traces the political, social, and economic development of the United States from the colonial period to the Reconstruction Era. ADVISORIES: Eligibility for English 125 and 126. (A, CSU-GE, UC, I) (C-ID HIST 130) (C-ID HIST 140: HIST 11, HIST 12, &amp; HIST 12H)</td>
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<tr>
<td>HIST 11-80401</td>
<td>S</td>
<td>8:00am-11:05</td>
<td>AC2 184</td>
<td>A.TIRATURYAN</td>
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<td>Meets from 01/15 to 05/14</td>
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<td><strong>Full Term Class Offering(s)</strong></td>
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<tr>
<td>HIST 11-80396</td>
<td>TTh</td>
<td>8:00am-9:15</td>
<td>AC1 275</td>
<td>H.OHANESSIAN</td>
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<tr>
<td>HIST 11-80402</td>
<td>MWF</td>
<td>11:00am-11:50</td>
<td>AC1 275</td>
<td>G.FONTES</td>
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<tr>
<td>HIST 11-80395</td>
<td>TTh</td>
<td>2:00pm-3:15</td>
<td>AC1 275</td>
<td>G.FONTES</td>
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<tr>
<td>HIST 11-80397</td>
<td>MW</td>
<td>3:30pm-4:45</td>
<td>AC1 275</td>
<td>C.LOVIDING</td>
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<td>HIST 11-80399</td>
<td>TTh</td>
<td>3:30pm-4:45</td>
<td>AC1 275</td>
<td>V.CREVISTON</td>
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<tr>
<td>HIST 11-80398</td>
<td>M</td>
<td>6:00pm-9:05</td>
<td>AC1 275</td>
<td>G.MORRIS</td>
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<tr>
<td>HIST 11-80400</td>
<td>Th</td>
<td>6:00pm-8:50</td>
<td>AC1 275</td>
<td>C.LOVIDING</td>
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<td><strong>Online Class Offering(s)</strong></td>
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<tr>
<td>HIST 11-80405</td>
<td>WEB</td>
<td>ARR WEB</td>
<td>WEB</td>
<td>M.JESSIE</td>
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<td>(3 Units)</td>
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<td>This course traces the political, social, and economic development of the United States from the Reconstruction Era to the present. ADVISORIES: Eligibility for English 125 and 126. (A, CSU-GE, UC, I) (C-ID HIST 140: HIST 11, HIST 12 &amp; HIST 12H)</td>
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<td><strong>Full Term Class Offering(s)</strong></td>
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<tr>
<td>HIST 12-80406</td>
<td>TTh</td>
<td>9:30am-10:45</td>
<td>AC1 275</td>
<td>H.OHANESSIAN</td>
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<tr>
<td>HIST 12-80411</td>
<td>TTh</td>
<td>11:00am-12:15</td>
<td>AC1 275</td>
<td>G.FONTES</td>
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<tr>
<td>HIST 12-80409</td>
<td>MWF</td>
<td>12:00pm-12:50</td>
<td>AC1 275</td>
<td>V.CREVISTON</td>
</tr>
<tr>
<td>HIST 12-80407</td>
<td>MW</td>
<td>2:00pm-3:15</td>
<td>AC1 275</td>
<td>R.BERMIO</td>
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<tr>
<td>HIST 12-80408</td>
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<td>6:00pm-8:50</td>
<td>AC1 275</td>
<td>G.MORRIS</td>
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<tr>
<td>HIST 12-80410</td>
<td>W</td>
<td>6:00pm-8:50</td>
<td>AC1 275</td>
<td>G.MORRIS</td>
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<td><strong>Online Class Offering(s)</strong></td>
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<tr>
<td>HIST 12-80416</td>
<td>WEB</td>
<td>ARR WEB</td>
<td>WEB</td>
<td>C.SCHWANDT</td>
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<td>(This is a 100% online class. Students that are enrolled must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course. Please contact the instructor through Canvas for more information.)</td>
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<td>HIST 12-80417</td>
<td>WEB</td>
<td>ARR WEB</td>
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<td>C.SCHWANDT</td>
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<td>(This is a 100% online class. Students that are enrolled must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course. Please contact the instructor through Canvas for more information.)</td>
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HIST 12H  U S SINCE 1865 (3 Units)
This course provides a survey of the political, social, and economic development of the United States since 1865 and the emergence of the U. S. as a world power. Students are also introduced to research methods, historiography, and divergent schools of historical interpretation. ADVISORIES: Eligibility for English 125 and 126. (A, CSU-GE, UC, I) (C-ID HIST 140: HIST 11 & HIST 12H)
HIST 12H-***** TTh 2:00pm-3:15 AC1 175 V.CREVISTON
(Advisory: This class is reserved for students who have been accepted into the Honors Program. Interested students are encouraged to contact Tasha Hutchings at [559] 325-5304.)

HIST 20  WORLD HISTORY I (3 Units)
This course examines economic, political, and social developments in World Civilization from the emergence of human communities to around 1600. ADVISORIES: Education 10 recommended for K-8 teachers, eligibility for English 125 and 126. (A, CSU-GE, UC, I)(C-ID HIST 150)

Full Term Class Offering(s)
HIST 20-80423 TTh 8:00am-9:15 AC1 193 STAFF
HIST 20-80421 MWF 1:00pm-1:50 AC1 275 M.STEHR

Online Class Offering(s)
HIST 20-80422 WEB ARR WEB M.JESSIE
(This is a 100% online class. Students that are enrolled must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course. Please contact the instructor through Canvas for more information.)

HIST 23  World History II Since 1500 (3 Units)
This course examines economic, political, and social development in world history from around 1500 to the present. ADVISORIES: Education 10 recommended for K-8 teachers. Eligibility for English 125 and English 126. (A, CSU)(C-ID HIST 160)

Full Term Class Offering(s)
HIST 23-80424 TTh 12:30pm-1:45 AC1 275 M.STEHR

HIST 35  The History of E Asia: a Srvy (3 Units)
A historical and cultural survey of East Asia from the pre-history to the present. Emphasis will be on a critical evaluation of the main social, political, economic, cultural, intellectual and historical trends that have shaped the Asian countries. ADVISORIES: Eligibility for English 125 and English 126. (A, CSU, CSU-GE, UC, I)

Full Term Class Offering(s)
HIST 35-80425 MWF 10:00am-10:50 AC1 275 STAFF

HONORS PROGRAM

HONORS 2A  Honors Seminar: Comm Or Crit T (1 Units)
A seminar exploring a path of inquiry under the overall topic of communication or critical thinking. This seminar is intended for honors students of the Clovis Community College Honors program to stimulate intellectual curiosity, discussion, and analysis. This seminar may include field trips and guest speakers.
PREREQUISITE: Acceptance into the Honors Program. ADVISORIES:
Eligibility for English 1A or English 1AH. (A, CSU, UC)
HONORS 2A-***** F 1:00pm-2:30 AC2 185 STAFF
(Advisory: This class is reserved for students who have been accepted into the Honors Program. Interested students are encouraged to contact Tasha Hutchings at [559] 325-5304.)
INFORMATION SYSTEMS

IS 13  Database Essentials (1.5 Units)
This course is designed for students who aspire to attain a basic understanding of databases. Topics include creating and editing tables, creating and using forms, creating and running queries, creating and printing reports, and sorting and indexing data fields using current database software. Students are expected to complete computer assignments outside of class. ADVISORIS: Eligibility for English 1A, and Information Systems 15. (A, CSU)

Online Class Offering(s)
IS 13-80750 WEB ARR WEB T.KATUIN
and TBA TBA CCC WEB T.KATUIN
Meets from 03/14 to 04/22 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course. Please contact the instructor through Canvas for more information.)

IS 15  Computer Concepts (3 Units)
This course provides an introduction to computer and information systems concepts and terminology, an overview of hardware, and software (systems and applications including word processing, spreadsheet, database, presentation and programming), the history of the microcomputer, privacy and legal issues, and telecommunications (email and Internet). A grade of C or better in this course fulfills the computer familiarity requirement. ADVISORY: Eligibility for English 1A. (A, CSU, UC)(C-ID ITIS 120)

Full Term Class Offering(s)
IS 15-80757 MW 10:00am-10:50 AC1 145 R.PORTER
and M 11:00am-11:50 AC1 145 R.PORTER
and W 11:00am-11:50 AC1 145 R.PORTER
IS 15-80753 TTh 10:00am-10:50 AC1 145 R.TJAHJADI
and T 11:00am-11:50 AC1 145 R.TJAHJADI
and Th 11:00am-11:50 AC1 145 R.TJAHJADI
IS 15-80755 MW 12:00pm-12:50 AC1 145 R.PORTER
and M 1:00pm-1:50 AC1 145 R.PORTER
and W 1:00pm-1:50 AC1 145 R.PORTER
IS 15-80754 TTh 12:00pm-12:50 AC1 145 D.SANDS
and T 1:00pm-1:50 AC1 145 D.SANDS
and Th 1:00pm-1:50 AC1 145 D.SANDS
IS 15-80752 MW 2:00pm-2:50 AC1 145 B.NABORS
and M 3:00pm-3:50 AC1 145 B.NABORS
and W 3:00pm-3:50 AC1 145 B.NABORS

Online Class Offering(s)
IS 15-80756 WEB ARR WEB B.NABORS
and TBA TBA CCC WEB B.NABORS
Meets from 01/10 to 04/22 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course. Please contact the instructor through Canvas for more information.)
IS 16  Word Processing (1.5 Units)
This course provides an introduction to word processing for the business manager. This course includes creating, editing, formatting, saving and printing documents. A number of advanced topics are introduced. This course includes a survey of current word processing applications. The student is expected to complete assignments in the computer laboratory outside of class. ADVISORIES: Eligibility for English 1A, and Information Systems 15. (A, CSU)

Online Class Offering(s)
IS 16-80758 WEB ARR WEB T.GIUFFRIDA
and TBA TBA CCC WEB T.GIUFFRIDA
Meets from 01/24 to 03/04 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course. Please contact the instructor through Canvas for more information.)

IS 18  Spreadsheet Fundamentals (1.5 Units)
This course provides an introduction to spreadsheet fundamentals for the business manager. This course covers creating and formatting worksheets, using formulas and functions, and creating graphs using a spreadsheet. The student is expected to complete assignments in the computer laboratory outside of class. ADVISORIES: Eligibility for English 1A, and Information Systems 15. (A, CSU)

Online Class Offering(s)
IS 18-80759 WEB ARR WEB T.GIUFFRIDA
and TBA TBA CCC WEB T.GIUFFRIDA
Meets from 02/22 to 04/08 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course. Please contact the instructor through Canvas for more information.)

IS 19V  Coop Wk Exper, Inf Sys (1-8 Units)
Supervised employment, directly related to student's major in information systems or Business. Students may enroll for a maximum of 8 units per semester. Students may earn a total of 16 units in work experience of which only 6 may be in COTR-19G. Students earn units using the following formula: for paid work, 75 hours = 1 unit for volunteer work, 60 hours = 1 unit. Note: Repetition of Cooperative Work Experience courses is allowable under Title 5, §55253. (A, CSU)

Full Term Class Offering(s)
IS 19V-80768 ARR ARR ARR STAFF
(Students are required to attend one of the following orientation meetings: Clovis Herndon Campus on Thursday, 01/20 from 5:00-6:00pm in HC-212 or Clovis Community College on Wednesday, 01/26 from 5:00-6:00pm in AC1-187.)

IS 40A  Web Dev With Html, Css & Javas (3 Units)
This is an introductory course in Web Development using web authoring software and HTML. The emphasis is on production, design, and usability. Students apply skills and concepts to plan, develop, and upload a small website. CO-REQUISITE: Information Systems 15. ADVISORY: Eligibility for English 1A. (A, CSU)

Online Class Offering(s)
IS 40A-80769 WEB ARR WEB C.ARNOLD
and TBA TBA CCC WEB C.ARNOLD
Meets from 01/24 to 03/25 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course. Please contact the instructor through Canvas for more information.)
IS 40B  Adv Web Desgn Cpts, Des & Prog (3 Units)
This course provides a hands-on exploration in cutting edge HTML techniques needed to enhance web pages with frames, targets, columns, image maps, and META tags. The course explores the roles of the latest technologies such as ASP/PHP, JavaScript, and Java. Students create HTML forms, write ASP/PHP web pages for interactivity, and process information submitted via form. PREREQUISITE: Information Systems 40A. ADVISORY: Eligibility for English 1A. (A, CSU)

Full Term Class Offering(s)
IS 40B-80770  TWF  8:30am-9:20  CART TBA  J.FAST
and  Th  8:30am-9:20  CART TBA  J.FAST
(CART Students only)

IS 50A  Intro to Game Programming (3 Units)
This course introduces students to game development concepts, including the theory of game design, mathematical concepts needed to create 3D games, and how to create a new game using a game engine. ADVISORIES: Information Systems 15 or Computer Science 40, Mathematics 4A, and eligibility for English 1A. (A, CSU, UC)

Online Class Offering(s)
IS 50A-80760  WEB  ARR  WEB  W.KERNEY
and  TBA  TBA  CCC WEB  W.KERNEY
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course. Please contact the instructor through Canvas for more information.)

IS 50B  Intermediate Game Programming (3 Units)
This course provides students with intermediate-level game design, level creation, and programming skills. Over the course of the semester students cooperatively build a moderately advanced game for the PC or web. PREREQUISITE: Information Systems 50A. ADVISORY: Eligibility for English 1A. (A, CSU, UC)

Online Class Offering(s)
IS 50B-80761  WEB  ARR  WEB  W.KERNEY
and  TBA  TBA  CCC WEB  W.KERNEY

IS 63  Cmptr Networking Fundam (3 Units)
This course provides an introduction to computer networking by providing hands on networking learning tasks such as: making and testing network cabling troubleshooting networking hardware as well as working with common network protocols. In this course, students learn network topology, network types (wired and wireless), and basic principles of network security as well as network hardware and software installation and configuration. This course prepares students to be competitive candidates in obtaining their Comp TIA Network+ certification. PREREQUISITE: Information Systems 62. ADVISORIES: Eligibility for English 1A. (A, CSU)

Short Term Class Offering(s)
IS 63-80763  TTh  6:00pm-8:50  AC1 145  R.ALAVI-MOGHADDAM
and  TTh  9:00pm-9:50  AC1 145  R.ALAVI-MOGHADDAM
Meets from 01/18 to 03/17
**IS 64  Computer Networking II (3 Units)**
This course covers advanced concepts in networking software and hardware. Installation of WAN hardware components and software are examined. Installation of communications/internet software, proxy servers, transaction servers, domain name servers, and mail servers are examined in a virtual environment. Design and implementation techniques for large organizations are also covered. PREREQUISITES: Information Systems 63. ADVISORIES: Eligibility for English 1A. (A, CSU)

**Short Term Class Offering(s)**
IS 64-80764  
TTh 6:00pm-9:05  
AC1 145  
R.ALAVI-MOGHADDAM
and  
TTh 9:15pm-10:05  
AC1 145  
R.ALAVI-MOGHADDAM

Meets from 03/22 to 05/19

**IS 66  Office and Cust Sk for Tech (2 Units)**
This course covers a variety of topics related to succeeding at work as a support or help desk technician. Topics include communication in the professional workplace, office procedures, customer service, dealing with peers and supervisors in the office, career planning, and business ethics. ADVISORIES: Eligibility for English 1A, and Information Systems 15. (A, CSU)

**Hybrid Class Offering(s)**
IS 66-80765  
W 4:00pm-5:50  
AC1 114  
R.TJAHJADI
and  
TBA TBA  
CCC WEB  
R.TJAHJADI

Meets from 01/26 to 03/23 (This is an online class with mandatory meetings on campus. Students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course. This class requires the following mandatory face-to-face meetings at Clovis Community College from 4:00-5:50pm in room AC1-114 on 01/26, 02/09, 02/23, 03/09, and 03/23. Please contact the instructor through Canvas for more information.)

**IS 70  Intro to Info Systems Security (3 Units)**
An introduction to the fundamental principles and topics of Information Technology Security and Risk Management at the organizational level. It addresses hardware, software, processes, communications, applications, and policies and procedures with respect to organizational Cybersecurity and Risk Management. Preparation for the CompTIA Security+ certification exams. PREREQUISITE: Information Systems 63. ADVISORY: Eligibility for English 1A. (A, CSU)

**Hybrid Class Offering(s)**
IS 70-80766  
M 6:00pm-8:50  
AC1 145  
D.ATENCIO
and  
W 6:00pm-7:50  
AC1 145  
D.ATENCIO
and  
TBA TBA  
CCC WEB  
D.ATENCIO
and  
TBA TBA  
CCC WEB  
D.ATENCIO

Meets from 01/24 to 03/14 (This is an online class with mandatory face-to-face meetings on campus. Students must check their Canvas account by the first day of the class. Failure to do so may result in the student being dropped from the course. This class requires the following mandatory, face-to-face meetings at Clovis Community College, from 6:00-8:50pm on Mondays and 6:00-7:50pm on Wednesdays in room AC1-145 on 01/24, 01/26, 01/31, 02/02, 02/07, 02/09, 02/14, 02/16, 02/23, 02/28, 03/02, 03/07, 03/09, 03/14, and 03/16. Please contact the instructor through Canvas for more information.)
IS 71  Intro to Cybersec: Ethical Hck (3 Units)
This course introduces the network security specialist to the various methodologies for attacking a network. Students are introduced to the concepts, principles, and techniques, supplemented by hands-on exercises, for attacking and disabling a network within the context of properly securing a network. The course emphasizes network attack methodologies with the emphasis on student use of network attack techniques and tools and appropriate defenses and countermeasures. Students receive course content information through a variety of methods: lecture and demonstration of hacking tools are used in addition to a virtual environment. Students experience a hands-on practical approach to penetration testing measures and ethical hacking. PREREQUISITE: Information Systems 70. ADVISORY: Eligibility for English 1A. (A, CSU)

Hybrid Class Offering(s)
IS 71-80767 M 6:00pm-8:50 AC1 145 D.ATENCIO
and
W 6:00pm-7:50 AC1 145 D.ATENCIO
and
TBA TBA CCC WEB D.ATENCIO
and
TBA TBA CCC WEB D.ATENCIO
Meets from 03/21 to 05/16 (This is an online class with mandatory face-to-face meetings on campus. Students must check their Canvas account by the first day of the class. Failure to do so may result in the student being dropped from the course. This class requires the following mandatory, face-to-face meetings at Clovis Community College, from Mondays 6:00-8:50pm and Wednesdays 6:00-7:50pm in room AC1-145 on 03/21, 03/23, 03/28, 03/30, 04/04, 04/06, 04/8, 04/20, 04/25, 04/27, 05/02, 05/04, 05/09, 05/11, 05/16 and 05/18. Please contact the instructor through Canvas for more information.)

INTERDISCIPLINARY STUDIES

INTDS 50  College Success (3 Units)
This course is designed for first-year college students and provides an exploration of cognitive, psychological, social, and physical factors influencing success in college, the world of work, and in life. Topics include personal responsibility, critical thinking, motivation, self-efficacy, self-awareness, lifelong learning, self-management, health and wellness, interpersonal communication in a diverse world, educational planning, and service learning. ADVISORIES: Eligibility for English 125, English 126, and MATH-201. (A, CSU, UC)

Online Class Offering(s)
INTDS 50-80751 WEB ARR WEB STAFF
This is a 100% online class. Students will be required to attend some synchronous (live) online sessions [MW 11:00am - 12:15pm] between 1/10 - 5/20. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course.

INTDS 251  Academic Literacy (6 Units)
This course is designed to provide intensive instruction in critical thinking, reading, and writing as will be required in English 1A and other college-level courses. Using theme based readings from a variety of academic genres, coursework will emphasize independent reading of complex academic texts, critical response to ideas and information in academic texts, and writing essays that integrate ideas and information from academic texts.

Full Term Class Offering(s)
INTDS 251-80437 MWF 9:00am-10:50 AC2 185 M.BENNETT
INTDS 251-80436 MWF 11:00am-12:50 AC2 185 STAFF
**KINESIOLOGY**

**KINES 20  ATHLETIC TRAINING (3.5 Units)**
This is a course designed to instruct students in the prevention and evaluation of athletic injuries. Emergency first aid, treatment and taping of injuries will constitute the majority of the lab component. ADVISORIES: Eligibility for English 125 and 126. (A, CSU, UC)

**Full Term Class Offering(s)**
- KINES 20-80438 TTh 3:30pm-4:45 AC2 284 N.ANDERSEN
- and TTh 5:00pm-5:50 AC2 284 N.ANDERSEN

**KINES 22  Introduction to Kinesiology (3 Units)**
This course is an introduction to the interdisciplinary approach to the study of human movement. An overview of the importance of the sub-disciplines in kinesiology is discussed along with career opportunities in the areas of teaching, coaching, allied health, and fitness professions. ADVISORIES: Eligibility for English 1A. (A, CSU, UC)

**Full Term Class Offering(s)**
- KINES 22-80440 TTh 9:30am-10:45 AC1 114 O.RAMIREZ
- KINES 22-80439 TTh 11:00am-12:15 AC2 284 STAFF

**Online Class Offering(s)**
- KINES 22-18338 WEB ARR WEB O.RAMIREZ
  (This is a 100% online class. Students that are enrolled must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course. Please contact the instructor through Canvas for more information.)

**LIBRARY SKILLS**

**LIBSKL 1  Info Comp/Research Skls (1.5 Units)**
This course is an introduction to research skills and strategies for college students to successfully locate, access, evaluate, and use information in various formats. Students learn how to use print, database and Internet resources, cite sources, create bibliographies, and understand plagiarism. ADVISORIES: Eligibility for English 1A. (A, CSU, UC)

**Online Class Offering(s)**
- LIBSKL 1-80713 WEB ARR WEB R.YANG
  Meets from 02/21 to 05/20 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course. Please contact the instructor through Canvas for more information.)
MARKETING

MKTG 10 Intro to Marketing (3 Units)
This course provides an introduction to the role of marketing in business, the various philosophies that guide marketing management and the importance of the role of the consumer in the marketing process.
ADVISORIES: Eligibility for English 1A. (A, CSU)

Online Class Offering(s)
MKTG 10-80743 WEB ARR WEB C.CUNHA
Meets from 01/24 to 05/20 (This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course. Please contact the instructor through Canvas for more information.)

MATHEMATICS

MATH 4A TRIGONOMETRY (4 Units)
This course in trigonometry of the plane concentrates on trigonometric functions and their applications. Topics covered include the trigonometric functions, solution of right triangles, radian measure, fundamental identities, angular measure, graphs, logarithms, functions of composite angles, oblique triangles, trigonometric equations, inverse trigonometric functions, and complex numbers, including powers and roots. The study of polar coordinates and polar equations is also covered. PREREQUISITES: Mathematics 103 or equivalent and Mathematics 102. ADVISORIES: Eligibility for English 125 and English

Full Term Class Offering(s)
MATH 4A-80150 TTh 8:00am-9:50 AC1 106 V.TRANG
MATH 4A-80153 MWF 9:00am-10:10 AC2 179 R.SOMAYAJULU
MATH 4A-80154 MWF 11:00am-12:10 AC1 287 J.RENWICK
MATH 4A-80151 TTh 12:00pm-1:50 AC1 106 A.PETERSON
MATH 4A-80152 TTh 12:30pm-2:20 AC1 287 R.HITCHCOCK

MATH 4B PRECALCULUS (4 Units)
The course is an analytic and comprehensive study of algebra, geometry and trigonometry designed to prepare students for calculus. Topics include conic sections, inequalities, systems of equations, polynomial, trigonometric, rational, exponential and logarithmic functions and their graphs. PREREQUISITES: Mathematics 4A or equivalent. ADVISORIES: Eligibility for English 125 and 126. (A, CSU-GE, UC, I)

Full Term Class Offering(s)
MATH 4B-80157 TTh 8:00am-9:50 AC2 273 J.SHEPHERD
MATH 4B-80156 MWF 8:30am-9:40 AC2 273 J.RENWICK
MATH 4B-80155 MW 2:00pm-3:50 AC2 181 J.GARDNER
MATH 4B-80158 TTh 6:00pm-7:50 AC2 273 J.JIMENEZ

MATH 5A MATH ANALYSIS I (5 Units)
Introduction to calculus, analytic geometry, differentiation and integration of polynomial, exponential, logarithmic and trigonometric functions limits curve sketching and applications. PREREQUISITES: Mathematics 3A and Mathematics 4A or Mathematics 4B. ADVISORIES: Eligibility for English 125 and 126. (A, CSU-GE, UC, I)(C-ID MATH 210)

Full Term Class Offering(s)
MATH 5A-80163 TTh 8:30am-10:45 AC2 275 J.GARDNER
MATH 5A-80159 MWF 9:30am-10:55 AC1 287 J.SHEPHERD
MATH 5A-80160 MWF 11:00am-12:25 AC2 273 R.HITCHCOCK
<table>
<thead>
<tr>
<th>Section Number</th>
<th>Days</th>
<th>Times</th>
<th>Building/Room</th>
<th>Instructor</th>
</tr>
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<tr>
<td>MATH 5A-80162</td>
<td>TTh</td>
<td>11:00am-1:15</td>
<td>AC2 275</td>
<td>J.GARDNER</td>
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<tr>
<td>MATH 5A-80161</td>
<td>MWF</td>
<td>12:30pm-1:55</td>
<td>AC1 106</td>
<td>C.SULLIVAN</td>
</tr>
</tbody>
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**MATH 5B  MATH ANALYSIS II (4 Units)**
This class investigates the applications of integration, many techniques of integration, improper integrals, parametric equations, polar coordinates and functions. Further study involves conic sections, exponential growth/decay models, infinite series including Maclaurin and Taylor Series. PREREQUISITES: Mathematics 5A. ADVISORIES: Eligibility for English 125 and 126. (A, CSU-GE, UC, I) (C-ID MATH 220)

**Full Term Class Offering(s)**
- MATH 5B-80167 MWF 8:00am-9:10 AC2 275 V.TRANG
- MATH 5B-80166 TTh 10:00am-11:50 AC1 106 R.SOMAYAJULU
- MATH 5B-80165 MWF 11:00am-12:10 AC2 181 R.HICKEY
- MATH 5B-80164 MWF 12:30pm-1:40 AC2 273 J.SHEPHERD

**MATH 6  MATH ANALYSIS III (5 Units)**
This is the third of three courses in the basic calculus sequence. Topics include solid analytical geometry, three dimensional vectors, vector valued functions, partial differentiation, multiple integration, line integrals, Divergence, Green’s, and Stokes’ Theorems. PREREQUISITES: Mathematics 5B. ADVISORIES: Eligibility for English 125 and 126. (A, CSU-GE, UC, I)(C-ID MATH 230)

**Full Term Class Offering(s)**
- MATH 6-80169 MWF 11:00am-12:25 AC1 106 C.GLAVES
- MATH 6-80168 MWF 12:30pm-1:55 AC1 287 J.RENWICK

**MATH 10A  STRUCTR/CONCEPTS (3 Units)**
This course is designed for prospective elementary school teachers. It will study problem solving strategies and skills, number sequences, set theory, ancient numeration systems, number theory, rational and irrational numbers, Computation algorithms, and applications of mathematics. PREREQUISITES: Mathematics 103. ADVISORIES: Eligibility for English 125 and 126. (A, CSU, UC, CSU-GE)

**Full Term Class Offering(s)**
- MATH 10A-80119 TTh 9:30am-10:45 AC1 287 J.RENWICK
- MATH 10A-80120 TTh 11:30am-12:45 AC2 179 J.TAGUE

**MATH 10B  Structre and Concpts in Math II (3 Units)**
This course is designed for prospective elementary school teachers. Topics covered will include counting methods, elementary probability and statistics. Additional topics in Geometry to include polygons, congruence and similarity, measurement, geometric transformations, coordinate geometry, and connections between numbers and geometry with selected applications. PREREQUISITES: Mathematics 10A and MATH 102. ADVISORIES: Eligibility for English 125 and English 126. (A, CSU-GE, UC)

**Full Term Class Offering(s)**
- MATH 10B-80121 TTh 11:00am-12:15 AC1 287 R.HITCHCOCK
- MATH 10B-80122 MW 2:00pm-3:15 AC2 275 R.HITCHCOCK
- MATH 10B-80123 TTh 2:00pm-3:15 AC2 275 STAFF
MATH 11  ELEM STATISTICS (4 Units)
This course is an introduction to statistical methods and techniques with applications in the fields of business, behavioral and social science, as well as in science, technology, engineering, and mathematics. Topics include descriptive measures of central tendency and variability, probability, binomial and normal distributions, random variables, sampling, estimating, hypothesis testing (parametric and nonparametric), correlation and regression. PREREQUISITES: Mathematics 103. ADVISORIES: Eligibility for English 125 and 126. (A, CSU-GE, UC, I) (C-ID MATH 110)

Full Term Class Offering(s)
MATH 11-80124 MWF 8:00am-9:10 AC1 106 C.CHOATE
MATH 11-80128 MWF 9:30am-10:40 AC1 106 C.SULLIVAN
MATH 11-80135 TTh 9:30am-11:20 AC2 179 A.PETERSON
MATH 11-80130 TTh 10:00am-11:50 AC2 181 C.SULLIVAN
MATH 11-80136 MWF 11:00am-12:10 AC2 179 A.PETERSON
MATH 11-80131 TTh 11:00am-12:50 AC2 273 V.TRANG
MATH 11-80125 TTh 12:00pm-1:50 AC2 181 J.SHEPHERD
MATH 11-80129 MWF 12:30pm-1:40 AC2 275 A.PETERSON
MATH 11-80132 TTh 1:00pm-2:50 AC2 273 R.SOMAYAJULU
MATH 11-80134 TTh 2:00pm-3:50 AC1 206 A.PETERSON
MATH 11-80137 M 3:30pm-5:55 AC1 287 STAFF
and W 3:30pm-4:50 AC1 287 STAFF
MATH 11-80126 MW 6:00pm-7:50 AC2 273 STAFF
MATH 11-80138 T 6:00pm-8:15 AC1 287 STAFF
and Th 6:00pm-7:15 AC1 287 STAFF
MATH 11-80127 TTh 6:00pm-7:50 AC2 275 STAFF

MATH 17  DIFF EQ/LINR ALG (5 Units)
Solutions to first order ordinary differential equations, including separable, linear, homogeneous of degree zero, Bernoulli and exact with applications and numerical methods. Solutions to higher order differential equations using undetermined coefficients, variation of parameters, and power series, with applications. Solutions to linear and non-linear systems of differential equations, including numerical solutions. Matrix algebra, solutions of linear systems of equations, and determinants. Vector spaces, linear independence, basis and dimension, subspace and inner product space, including the Gram-Schmidt procedure. Linear transformations, kernel and range, eigenvalues, eigenvectors, diagonalization and symmetric matrices. PREREQUISITIES: Mathematics 6. (A, CSU-GE, UC, I) (C-ID MATH 240) (C-ID MATH 260) (C-ID MATH 910S)

Full Term Class Offering(s)
MATH 17-80140 MWF 8:30am-9:55 AC2 181 R.HICKEY
MATH 17-80141 MWF 12:30pm-1:55 AC2 181 R.HICKEY

MATH 45  CONTEMP MATH (3 Units)
This course provides an introduction to mathematical problem solving in diverse areas of contemporary life such as statistics, social choice, measurement, and management science for students in the arts, humanities, and social sciences. PREREQUISITES: Mathematics 103. ADVISORIES: Eligibility for English 125 and 126. (A, CSU-GE, UC)

Full Term Class Offering(s)
MATH 45-80149 WEB ARR CCC WEB R.HICKEY
(This is a 100% online class. Students that are enrolled must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course. Please contact instructor at russell.hickey@cloviscollege.edu for more information.)

MATH 45-80147  TTh  9:30am-10:45  AC1 206  J.TAGUE

Online Class Offering(s)
MATH 45-80148  WEB  ARR  WEB  C.CHOATE

(This is a 100% online class. Students that are enrolled must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course. Please contact instructor at courtnie.choate@cloviscollege.edu for more information.)

MATH 103  INTER ALGEBRA (5 Units)
This course will deal with many algebraic concepts, including equations and inequalities in two variables, rational exponents and roots, quadratic functions, exponential and logarithmic functions, and conic sections. PREREQUISITES: Mathematics 201 or equivalent. ADVISORIES: Eligibility for English 126.(A)

Full Term Class Offering(s)
MATH 103-80116  TTh  7:30am-9:45  AC2 181  R.SOMAYAYULU
MATH 103-80113  MWF  8:00am-9:25  AC1 287  J.TAGUE
MATH 103-80115  MWF  9:30am-10:55  AC2 275  V.TRANG
MATH 103-80117  MWF  2:00pm-3:50  AC2 273  STAFF
MATH 103-80112  TTh  2:00pm-4:15  AC2 181  STAFF
MATH 103-80114  MW  6:00pm-8:20  AC1 287  STAFF

MATH 201  ELEM ALGEBRA (5 Units)
This is a first course in elementary algebra, including algebraic expressions, linear equations and inequalities, linear equations and inequalities in two variables, exponents and polynomials, factoring, and rational expressions. PREREQUISITES: Mathematics 250 or equivalent. ADVISORIES: Mathematics 256 and eligibility for English 126.

Full Term Class Offering(s)
MATH 201-80143  MWF  11:00am-12:25  AC2 275  STAFF
MATH 201-80144  TTh  5:30pm-7:45  AC2 181  STAFF
MATH 201-80142  MW  6:00pm-8:50  AC1 106  STAFF

MATH 211S  Elementary Statistics Support (1 Units)
This co-requisite course provides skills and knowledge necessary for a college level elementary statistics course. Topics include arithmetic review, linear functions and slope, statistical graphs and application problems in a variety of contexts. CO-REQUISITE: Mathematics 11.

Full Term Class Offering(s)
MATH 211S-80145  W  5:00pm-5:50  AC1 287  STAFF
MATH 211S-80146  Th  7:30pm-8:20  AC1 287  STAFF
MUSC

MUS 5  MIDI MUS PRODCTN (2 Units)
Use of synthesizers, computers, and MIDI sequencing software to compose, edit, and record music.
ADVISORIES: Music 3, 20, eligibility for English 125, 126, and Mathematics 201. (A, CSU)

Full Term Class Offering(s)
MUS 5-80450  MW  1:00pm-1:50  AC1 108  STAFF
and  F  1:00pm-1:50  AC1 108  STAFF
MUS 5-80449  W  6:00pm-7:50  AC1 108  STAFF
and  W  8:00pm-8:50  AC1 108  STAFF

MUS 12  MUS APPRECIATION (3 Units)
The course acquaints students with basic musical concepts and terminology. These concepts are then
employed in the study of our Western musical heritage from the Middle Ages to the present. ADVISORIES:
Eligibility for English 125 and 126. (A, CSU-GE, UC, I) (C-ID MUS 100)

Full Term Class Offering(s)
MUS 12-80442  TTh  6:00pm-7:15  AC1 150  STAFF

Online Class Offering(s)
MUS 12-80444  WEB  ARR  WEB  STAFF
(This is a 100% online class. Students that are enrolled must check their Canvas account by the first day of
the semester. Failure to do so may result in the student being dropped from the course. Please contact the
instructor through Canvas for more information.)

MUS 16  JAZZ HIST & APPR (3 Units)
This course studies the history and development of American jazz styles from the early 20th century to the
present. It is an introductory course for the general student and/or non-musician. ADVISORIES: Eligibility for
English 125 and 126. (A, CSU-GE, UC, I)

Full Term Class Offering(s)
MUS 16-80445  MW  9:00am-10:15  AC1 150  STAFF

MUS 23  West and Wrld Precussion (2 Units)
Through the study and performance of rhythms from western and world cultures, students will explore
diverse percussion traditions and techniques, with an emphasis on the development of skills needed to
perform within an ensemble. A basic understanding of music is recommended, and participation in
performances is required. Audition required. No prior experience necessary. Student must provide own
percussion instrument. PREREQUISITE: AUDITION ADVISORIES: Eligibility for English 126
and Mathematics 201 (A, CSU, UC)(C-ID MUS 180)

Full Term Class Offering(s)
MUS 23-80447  T  3:30pm-4:20  AC1 108  STAFF
and  T  4:30pm-5:20  AC1 108  STAFF
and  Th  3:30pm-5:20  AC1 108  STAFF

MUS 31  CONCERT CHOIR (2 Units)
This course is the study and performance of a wide variety of choral literature from all musical eras, with an
emphasis on the development of skills needed to perform within an ensemble. Participation in all
performances required. Audition required. No prior experience necessary. ADVISORIES: Eligibility for English 126. PREREQUISITE: Audition (A, CSU)(C-ID MUS 180)

Full Term Class Offering(s)
MUS 31-80448 M 3:00pm-4:05 AC1 108 STAFF
and M 4:15pm-5:05 AC1 108 STAFF
and W 3:00pm-4:50 AC1 108 STAFF

OCCUPATIONAL THERAPY ASSISTANT

OTA 1 Strctrl Found and Thry of Ot (3 Units)
In this course, the Occupational Therapy Assistant (OTA) student learns the history and foundations of Occupational Therapy, theory and practice of Occupational Therapy, frames of reference, and diversity training reviewing how Occupational Therapy is performed in a variety of settings and populations. Students completes an activity analysis as it relates to occupational performance. PREREQUISITES: Enrollment in the Occupational Therapy Assistant program Health Care Ancillaries 5 Office Technology 10. ADVISORIES: Prefer statistics be taken no more than 10 years prior to enrollment date English 1A or English 1A and English 205 Mathematics 11 or Mathematics 45. (A, CSU)

Online Class Offering(s)
OTA 1-80662 WEB ARR WEB E.DOLIN
(This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the

OFFICE TECHNOLOGY

OT 17 JOB RETENTION/RESP (1 Units)
This course covers a variety of topics related to succeeding at work as an office assistant, an administrative assistant, a secretary, and/or a medical administrative assistant. Topics include job orientation, business office employer expectations, customer service, dealing with difficult coworkers in the office, goal setting and career planning, mentoring, continuing education, and business ethics. Students will also be asked to examine their personal lives to determine and correct any potential issues that may hinder their ability to maintain their jobs in an office. ADVISORIES: Eligibility for English 125 and 126. (A, CSU)

Short Term Class Offering(s)
OT 17-80682 W 6:00pm-7:50 AC2 176 STAFF
Meets from 01/12 to 03/09

Online Class Offering(s)
OT 17-80774 WEB ARR WEB STAFF
Meets from 01/10 to 03/11 (This class is for Allied Health students. This is a 100% online class. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course. Please contact the instructor through Canvas for more information.)
PHILOSOPHY

PHIL 1  Intro to Philosophy (3 Units)
This course introduces students to traditional and contemporary views in metaphysics, epistemology, and value-theory. Topics include the sources and limits of knowledge, the nature of reality, the relationship between mind and body, free will and determinism, the existence of God, and the nature of morally right action. Readings include selections drawn from the primary texts of Plato, Aristotle, Aquinas, Descartes, Locke, Berkeley, Hume, or Kant, as well as various twentieth century philosophers. ADVISORIES: English 1A. (A, CSU-GE, UC, I) (C-ID PHIL 100)

Full Term Class Offering(s)
PHIL 1-80472 MWF 1:00pm-1:50 AC1 281 M.STANNARD
PHIL 1-80471 MW 2:00pm-3:15 AC1 206 C.BOGOSIAN

PHIL 1C  Ethics (3 Units)
This course examines key ethical theories such as utilitarianism, deontology, and virtue ethics. Major philosophers studied include Aristotle, Kant, and Mill. The course includes application of theories to contemporary moral problems. ADVISORIES: English 1A. (A, CSU-GE, UC, I) (C-ID PHIL 120)

Full Term Class Offering(s)
PHIL 1C-80474 TTh 12:30pm-1:45 AC1 193 C.BOGOSIAN
PHIL 1C-80473 W 6:00pm-8:50 AC1 281 M.STANNARD

Online Class Offering(s)
PHIL 1C-80475 WEB ARR WEB C.BOGOSIAN
Meets from 01/10 to 03/11 (This is a 100% online class. Students that are enrolled must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course. Please contact the instructor through Canvas for more information.)

PHIL 1CH  Honors Ethics (3 Units)
This course is a rigorous introduction to key ethical theories and their application to classic and contemporary moral problems through study of four primary texts: Plato's Republic, Aristotle's Nicomachean Ethics, Kant's Groundwork of the Metaphysics of Morals, and Mill's Utilitarianism. As an honors section, the class is conducted as a seminar with an emphasis on student writing. ADVISORIES: English 1A or 1AH. LIMITATION ON ENROLLMENT: Enrollment in the Honors Program. (A, CSU-GE, UC) (C-ID PHIL 120)

PHIL 1CH-***** TTh 11:00am-12:15 AC1 193 C.BOGOSIAN
(Advisory: This class is reserved for students who have been accepted into the Honors Program. Interested students are encouraged to contact Tasha Hutchings at [559] 325-5304.)

PHIL 1D  World Religions (3 Units)
This course surveys the major religions of the world: Hinduism, Jainism, Buddhism, Daoism, Confucianism, Shinto, Judaism, Christianity, Islam, Sikhism, and selected new religious movements. ADVISORIES: English 1A. (A, CSU-GE, UC, I)

Full Term Class Offering(s)
PHIL 1D-80477 MW 12:30pm-1:45 AC1 193 C.BOGOSIAN
PHIL 2  Critcl Reasoning & Analyt Writ (3 Units)
This is a course designed to develop skills in recognition, analysis, evaluation, and construction of arguments beyond the level achieved in English 1A. Topics include: the distinction between deductive and inductive reasoning, identification of formal and informal fallacies, structures of valid arguments, important arguments of well-known philosophers. The central focus of the course is instruction and practice in the argumentative essay. Students write a minimum of 6,000 words during the course of the semester. PREREQUISITES: English 1A or equivalent. (A, CSU-GE, UC, I)

Full Term Class Offering(s)
PHIL 2-80479 TTh 9:30am-10:45 AC1 193 M.STANNARD
PHIL 2-80478 MWF 11:00am-11:50 AC1 181 M.STANNARD

PHIL 3  Intro to Soc and Polit Philos (3 Units)
An introduction to and analyses of key concepts in social-political philosophy as discussed by both classical and contemporary philosophers and social-political theorists. Engagement with key arguments and concepts prepares students to develop arguments of their own on contemporary social-political issues. ADVISORY: English-1A. (A, CSU, UC, I)

Online Class Offering(s)
PHIL 3-80480 WEB ARR WEB C.BOGOSIAN
Meets from 03/14 to 05/20 (This is a 100% online class. Students that are enrolled must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course. Please contact the instructor through Canvas for more information.)

PHIL 3A  History of Ancient Philosophy (3 Units)
This course is an introduction to ancient Greek philosophy with emphasis on the development of Greek thought from the Presocratics through Aristotle. It also includes the study of Hellenistic, Roman, medieval and non-western thinkers. ADVISORY: English-1A. (A, CSU, CSU-GE, UC, I)

Full Term Class Offering(s)
PHIL 3A-80481 TTh 2:00pm-3:15 AC1 181 M.STANNARD

PHIL 4  Intro to Logic (3 Units)
This course is an introduction to basic concepts, methods and principles of correct reasoning, with emphasis on deductive logic. Topics include traditional categorical logic, sentential logic including formal proof techniques, inductive arguments, and informal fallacies. ADVISORIES: English 1A or 1AH. (A, CSU-GE, UC)(C-ID PHIL 110)

Full Term Class Offering(s)
PHIL 4-80482 MWF 9:00am-9:50 AC1 206 M.STANNARD

PHOTOGRAPHY
PHOTO 1  Introduction to Digital Photog (3 Units)
Introduction to the processes, principles, and tools of photography. Topics include the development of technical and aesthetic skills, elements of design and composition, camera technology, materials and equipment, and contemporary trends in photography. Introductory level instruction in digital image manipulation software is a component of the course. Students will cultivate intellect, imagination, sensibility, and sensitivity in their creative work and responses to creative work. The photographic medium is understood and approached from a perspective that integrates photography's history, theory, and criticism. ADVISORIES: Eligibility for English 125 and English 126. (A, CSU-GE, UC)
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<td>K.KING</td>
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<td>AC1 108</td>
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<td>PHOTO 1-80487</td>
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<td>6:00pm-8:50</td>
<td>AC1 245</td>
<td>D.HALLAWAY</td>
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<tr>
<td>PHOTO 1-80488</td>
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<td>6:00pm-8:50</td>
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<td>D.HALLAWAY</td>
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**PHYSICAL EDUCATION**

**PE 6  FITNESS & HEALTH (1 Units)**
This course is designed to improve physical fitness levels through a variety of exercise activities including, but not limited to, recreational activities, strength development, cardio-respiratory development, and improved flexibility. The following components of physical fitness will be emphasized: muscular endurance, muscular strength, cardio-respiratory endurance, flexibility and body composition. It will be organized around these three objectives: safe performance of activity, appropriateness of activity for each individual, and the importance of the activity. (A, CSU, UC)

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**PE 14  Volleyball (1 Units)**
This course is designed for students to learn fundamental skills of volleyball, rules of the game, volleyball terminology, and game strategy. Drills, in-class matches, and tournaments will be conducted according to the skill level of the students. (A, CSU,

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**PE 15  WEIGHT TRAINING (1 Units)**
A course designed to improve physical fitness levels through resistance training exercises using free/machine weights. The following components of physical fitness will be emphasized: muscular endurance, muscular strength, body composition, flexibility, and cardio-respiratory endurance. (A, CSU, UC)

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**PE 16  Fitness Walking (1 Units)**
This course is designed to expose students to the benefits of exercise through fitness walking and to the principles of exercise which will increase cardiovascular conditioning, endurance, flexibility and methods of releasing body tension. (A, CSU, UC)

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PE 19  WGHT TRNG & AERO (1 Units)
This course is designed to help students understand, develop, and improve upon all components of physical fitness through resistance and aerobic training, use of free weights, weight machines, and cardio-respiratory equipment. Components of physical fitness which will be emphasized are: muscular endurance, muscular strength, cardio-respiratory endurance, flexibility, and body composition.(A, CSU, UC)

Full Term Class Offering(s)
PE 19-80456  MW  8:00am-9:15  AC2 106  O.RAMIREZ

PE 29  YOGA (1 Units)
This course is an introduction to basic yoga practices and principles. Instruction includes classifications of yoga postures as well as guided relaxations and breathing practices. The benefits of yoga include increased flexibility, strength, balance, body awareness and stress reduction. This course is designed for students of all ages and fitness levels.(A, CSU, UC)

Full Term Class Offering(s)
PE 29-80460  MW  11:00am-12:15  AC2 102  C.HORN
PE 29-80457  MW  12:30pm-1:45  AC2 102  A.STETLER
PE 29-80461  MW  2:00pm-3:15  AC2 102  A.STETLER
PE 29-80459  MW  4:00pm-5:15  AC2 102  A.STETLER
PE 29-80458  MW  5:20pm-6:35  AC2 102  A.STETLER

PE 36C  SOCCER CONDITN (1 Units)
This is a course for off-season conditioning of soccer players. This class is designed for students possessing the desire, ability and soccer skills necessary to compete on the intercollegiate level. Prospective participants should confer with the soccer coach before enrollment. PREREQUISITES: Limitation on enrollment: performance tryouts. (A)
PE 36C-*****  TWTh  2:30pm-3:45  CCC FIELD  C.MCCARTY
(Men's Soccer Team. For further information contact athletic counselor at karie.hannigan@cloviscollege.edu or [559]325-5230.)

Short Term Class Offering(s)
PE 36C-80463  MTTth  12:30pm-1:45  CCC FIELD  O.RAMIREZ
Meets from 02/22 to 05/19 (Women's Soccer Team. For further information contact athletic counselor at karie.hannigan@cloviscollege.edu or [559]325-5230.)

PE 39B  Competitive Track and Field (3 Units)
Designed primarily for students possessing the desire, ability, and skills necessary to compete on the intercollegiate level. Prospective participants should confer with the head coach of the sport before enrollment. A minimum of 9.5 hours participation per week during the season of the sport normally is required. LIMITATION ON ENROLLMENT: Performance Tryouts. (A, CSU, UC)
PE 39B-*****  ARR  ARR  CNHS TBD  C.ALBERTSON
(Men & Women's Track & Field. This class requires 9.5 hours by arrangement per week. For further information contact coach at clayton.albertson@cloviscollege.edu.)

PE 43B  Comp Swim and Diving (3 Units)
This is a course designed for students possessing the desire, ability, and skills necessary to compete on the intercollegiate level. Prospective participants should confer with the head coach of the sport before enrollment. A minimum of 9.5 hours participation per week during the season of the sport is required. LIMITATION ON ENROLLMENT: Performance Tryouts. (A, CSU)
PE 43B-*****  ARR  ARR  CNHS POOL  P.KARKOSKA
(Men & Women's Swim Team. This class requires 9.5 hours by arrangement per week. For further information contact coach at daniel.karkoska@cloviscollege.edu.)

**PE 45  PERFORMANCE TRNG (1 Units)**
Resistance training for intercollegiate athletes. ADVISORIES: Eligibility for English 126. LIMITATION ON ENROLLMENT: Students in this course must perform and compete at the intercollegiate level. Course is for intercollegiate athletes.(A, CSU)

PE 45.***** MTTh 2:00pm-3:15 AC2 106 O.RAMIREZ

(Women's soccer Team. For further information contact athletic counselor at karie.hannigan@cloviscollege.edu or [559]325-5230.)

PE 45.***** TWTh 4:00pm-5:15 AC2 106 E.GONZALEZ

**PE 49A  BEG CIRCUIT TRNG (1 Units)**
This class uses a variety of aerobic and strength training activities to improve cardio-respiratory endurance and muscular endurance. Circuit machines used include cycling and weight training equipment. Emphasis will be placed on monitoring physiological response to exercise and teaching proper stretching, warm-up, training at target rate, and warm down methods. A pre-test and post test will be administered to evaluate fitness level and monitor improvement. (A, CSU, UC)

Full Term Class Offering(s)
PE 49A-80468 MW 11:00am-12:15 AC2 106 STAFF

**PHYSICS**

**PHYS 2A  GENERAL PHYS I (4 Units)**
The topics covered in this course include mechanics, properties of matter, heat, sound and waves.

PREREQUISITES: Mathematics 4A, 4C, or equivalent. ADVISORIES: Eligibility for English 1A. (A, CSU-GE, UC, I) (C-ID PHYS 105)(C-ID PHYS 100S: PHYS 2A + PHYS 2B)

Full Term Class Offering(s)
PHYS 2A-80170 MWF 12:45pm-1:55 AC1 208 STAFF
and T 9:00am-10:50 AC1 208 STAFF

**PHYS 2B  GENERAL PHYS II (4 Units)**
The topics covered in this course include electricity, magnetism, light, atomic and nuclear physics.


Full Term Class Offering(s)
PHYS 2B-80171 TTh 3:30pm-5:20 AC1 287 N.INAN
and M 6:00pm-8:05 AC1 208 N.INAN
PHYS 2B-80172 TTh 3:30pm-5:20 AC1 287 N.INAN
and Th 5:30pm-7:20 AC1 208 N.INAN
PHYS 4A  PHYS SCIEN/ENGR (4 Units)
The topics covered in this course include: classical mechanics, properties of matter, gravitation, fluid mechanics, oscillatory motion and mechanical waves. COREQUISITES: Mathematics 5B. ADVISORIES: Eligibility for English 1A. (A, CSU-GE, UC, I) (C-ID PHYS 205) (C-ID PHYS 200S: PHYS 4A + PHYS 4B + PHYS 4C)

Full Term Class Offering(s)
PHYS 4A-80173  MWF  8:40am-9:50  AC1 208  A.ABBOTT
and  Th  9:00am-11:50  AC1 208  A.ABBOTT
PHYS 4A-80174  MWF  10:00am-11:10  AC1 208  A.ABBOTT
and  F  2:00pm-5:05  AC1 208  A.ABBOTT

PHYS 4B  PHYS SCIEN/ENGR (4 Units)
The topics covered in this course include: Mechanical waves, Thermodynamics, electricity, magnetism. PREREQUISITES: Physics 4A. COREQUISITES: Mathematics 6. ADVISORIES: Eligibility for English 1A. (A, CSU-GE, UC, I) (C-ID PHYS 210) (C-ID PHYS 200S: PHYS 4A + PHYS 4B + PHYS 4C)

Full Term Class Offering(s)
PHYS 4B-80175  MWF  2:30pm-3:40  AC2 179  STAFF
and  M  3:45pm-5:50  AC1 208  STAFF
PHYS 4B-80176  MWF  2:30pm-3:40  AC2 179  STAFF
and  Th  12:00pm-1:50  AC1 208  STAFF

PHYS 4C  PHYS SCIEN/ENGR (4 Units)
This course covers the topics of: electromagnetic waves, optics, and modern physics, condensed matter and nuclear physics. PREREQUISITES: Physics 4B. ADVISORIES: Mathematics 7 and eligibility for English 1A. (A, CSU-GE, UC, I) (C-ID PHYS 215) (C-ID PHYS 200: PHYS 4A + PHYS 4B + PHYS 4C)

Full Term Class Offering(s)
PHYS 4C-80177  MWF  11:15am-12:25  AC1 208  A.ABBOTT
and  T  12:00pm-1:50  AC1 208  A.ABBOTT

POLITICAL SCIENCE

POLSCI 2  AMERICAN GOV (3 Units)
The field of American politics deals with the organization, distribution and orientation of political power in American society. This course surveys the processes and institutions of United States national, state and local politics. Among the topics discussed are individual political attitudes and values, political participation, voting, parties, interest groups, Congress, the presidency, Supreme Court, the federal bureaucracy, civil liberties and civil rights, and domestic and foreign policy making. Attention is paid both to the present state of the American political system and to its historical roots. PREREQUISITES: Eligibility for English 1A or 1AH. (A, CSU-GE, UC, I) (C-ID POLS 110)

Full Term Class Offering(s)
POLSCI 2-80494  MWF  8:00am-8:50  AC1 181  L.BROWN
POLSCI 2-80498  TTh  8:00am-9:15  AC1 181  L.BROWN
POLSCI 2-80490  MWF  9:00am-9:50  AC1 181  L.BROWN
POLSCI 2-80491  TTh  9:30am-10:45  AC1 181  S.JACKSON-YBARRA
POLSCI 2-80495  MWF  10:00am-10:50  AC1 181  S.JACKSON-YBARRA
POLSCI 2-80497  TTh  11:00am-12:15  AC1 175  L.BROWN
POLSCI 2-80499  MWF  12:00pm-12:50  AC1 181  S.JACKSON-YBARRA
POLSCI 2-80493  TTh  12:30pm-1:45  AC1 181  L.BROWN
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<tr>
<td>POLSCI 2-80501</td>
<td>MWF</td>
<td>1:00pm-1:50</td>
<td>AC1 206</td>
<td>J.SHURLEY</td>
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<tr>
<td>POLSCI 2-80502</td>
<td>TTh</td>
<td>3:30pm-4:45</td>
<td>AC1 281</td>
<td>J.SHURLEY</td>
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<td>POLSCI 2-80496</td>
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<td>6:00pm-9:05</td>
<td>AC1 241</td>
<td>C.BOOTH</td>
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<td>POLSCI 2-80492</td>
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<td>6:00pm-8:50</td>
<td>AC1 181</td>
<td>J.SHURLEY</td>
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<tr>
<td>POLSCI 2-80500</td>
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<td>6:00pm-8:50</td>
<td>AC1 175</td>
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**POLSCI 3  POLITICAL THEORY (3 Units)**

This course is an introduction to the various approaches to political theory across time, issues, and authors. Students will analyze selected political theories, consider the relevance of these theories to contemporary problems, discuss new approaches to political thought, and evaluate the contribution of theories toward a comprehensive understanding of political life and political institutions. PREREQUISITES: Completion of Political Science 2. ADVISORIES: Eligibility for English 1A. (A, CSU-GE, UC) (C-ID

**Full Term Class Offering(s)**

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<td>AC1 181</td>
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**PSYCHOLOGY**

**PSY 2  Gen Psychology (3 Units)**

This course presents an overview of psychology, a field that emphasizes the scientific study of human behavior and mental processes. The content focuses on major psychological theories and concepts, methods, research findings, and real-world applications in psychology. Topics include history, methodology, biopsychology, lifespan development, sensation and perception, consciousness and altered states, learning and memory, cognition and language, intelligence, motivation and emotion, personality, psychopathology and therapy, stress and health, social psychology, and cultural influences. ADVISORIES: Eligibility for English 1A. (A, CSU-GE, UC, I) (C-ID PSY 110)

**Short Term Class Offering(s)**

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<td>AC1 181</td>
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<tr>
<td>PSY 2-80514</td>
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<td>11:30am-2:35</td>
<td>AC2 273</td>
<td>T.ROYCE</td>
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<td>Meets from 01/15 to 05/14</td>
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**Full Term Class Offering(s)**

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<td>AC1 281</td>
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<tr>
<td>PSY 2-80516</td>
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<td>8:30am-9:45</td>
<td>AC1 293</td>
<td>S.IRISH</td>
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<tr>
<td>PSY 2-80509</td>
<td>MWF</td>
<td>9:00am-9:50</td>
<td>AC1 281</td>
<td>D.SCHOENBURG</td>
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<td>PSY 2-80508</td>
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<td>AC1 206</td>
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<td>PSY 2-80511</td>
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<td>C.WALKER</td>
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<tr>
<td>PSY 2-80522</td>
<td>DAILY</td>
<td>12:30pm-3:20</td>
<td>CART TBA</td>
<td>A.RAISKUP</td>
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<td>AC1 175</td>
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<td>PSY 2-80513</td>
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<td>6:00pm-8:50</td>
<td>AC1 281</td>
<td>T.ROYCE</td>
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**Online Class Offering(s)**

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<td>(This is a 100% online class. Students that are enrolled must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course. Please contact the instructor through Canvas for more information.)</td>
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**PSY 5  Social Psychology (3 Units)**
This course focuses on a systematic analysis of the social determinants of behavior and mental processes related to the social environment. Emphasis is on the perception of ourselves and others attitudes and attitude changes social cognition roles compliance, conformity and obedience the power of the situation attraction aggression altruism prejudice and stereotypes gender roles, cultural norms group phenomena and applied social psychology. ADVISORIES: Eligibility for English 1A. (A, CSU-GE, UC, I) (C-ID PSY 170)

**Full Term Class Offering(s)**
| PSY 5-80536 | MWF | 2:00pm-2:50 | AC1 241 | M.MCCREADY |

**PSY 16  Abnormal Psy (3 Units)**
This course introduces the scientific study of psychopathology and atypical behaviors, broadly defined. Students investigate abnormal behavior from a variety of perspectives including biological, psychological, and sociocultural approaches. An integrative survey of theory and research in abnormal behavior, including intervention and prevention strategies for psychological disorders. ADVISORIES: Psychology 2 or Psychology 2H and eligibility for English 1A. (A, CSU-GE, UC, I) (C-ID PSY 120)

**Full Term Class Offering(s)**
| PSY 16-80505 | TTh | 9:30am-10:45 | AC1 281 | C.WALKER |
| PSY 16-80506 | MWF | 11:00am-11:50 | AC1 175 | C.WALKER |

**PSY 25  Human Sexuality (3 Units)**
This course is an introductory overview of the field of human sexuality. Human sexuality will be examined from psychological, biological, sociocultural, and historical perspectives. Students will examine their own sexual attitudes, values, and behaviors to evaluate the consistency of their behaviors within their own moral frameworks. Current sex norms and various aspects of interpersonal and individual sexual adjustment will be explored. Topics will include the anatomy and physiology of sex, sex within relationships, alternative lifestyles, fertility management, contraception, sexual dysfunction, and social roles/attitudes. Destructive sexual behavior, rape and incest, paraphilias, and other sensitive subjects will be presented in an explicit and scientific ADVISORIES: Psychology 2, eligibility for English 1A. (A, CSU-GE, UC) (C-ID PSY 130)

**Full Term Class Offering(s)**
| PSY 25-80526 | MWF | 10:00am-10:50 | AC1 281 | D.SCHOENBURG |
| PSY 25-80527 | W   | 6:00pm-8:50   | AC1 206 | D.DUFFY |
PSY 36  Intro to Biological Psychology (3 Units)
This course introduces the scientific study of the biological bases of behavior and its fundamental role in the neurosciences. Physiological, hormonal, and neurochemical mechanisms, and brain-behavior relationships underlying the psychological phenomena of sensation, perception, regulatory processes, emotion, learning, memory, and psychological disorders will be addressed. The course also notes historical scientific contributions and current research principles for studying brain-behavior relationships and mental processes. Ethical standards for human and animal research are discussed in the context of both invasive and non-invasive experimental research. PREREQUISITE: Psychology 2 or Psychology 2H. (A, CSU, CSU-GE, UC, I)

Full Term Class Offering(s)
- PSY 36-80529  MWF 12:00pm-12:50  AC1 281  C.WALKER
- PSY 36-80528  TTh 2:00pm-3:15  AC1 106  STAFF

PSY 38  LIFESPAN DEVELOP (3 Units)
Basic theories, research concepts, and principles of physical, cognitive and psychosocial development, including biological and environmental influences, will be explored with a focus on each major stage of life from conception to death. This course is designed to promote critical self-understanding. Students will apply developmental theory to major topics, including developmental problems, that occur throughout one’s lifespan. ADVISORIES: Eligibility for English 1A. (A, CSU-GE, UC, I) (C-ID

Full Term Class Offering(s)
- PSY 38-80530  TTh 8:00am-9:15  AC1 281  STAFF
- PSY 38-80531  Th 6:00pm-8:50  AC1 206  T.MATTHEWS

PSY 45  PSY RESEARCH METH (3 Units)
This course surveys psychological research methods. An emphasis is placed on research design, descriptive techniques, experimental procedures, and the characteristics of valid assessment tools. The course also focuses on the collection, analysis, interpretation, and reporting of research data. Cultural considerations and the ethics of research with human and animal participants will be included. The course is designed for psychology majors and others who require familiarity with such research techniques. PREQUISITES: Psychology 2 or 2H, and Mathematics 11 or 11H or Statistics 7. ADVISORIES: English 1A or 1AH.(A, CSU-GE, UC, I) (C-ID PSY 200)

Full Term Class Offering(s)
- PSY 45-80533  TTh 12:30pm-1:45  AC1 281  S.IRISH
- PSY 45-80534  MW 2:00pm-3:15  AC1 281  S.IRISH

REHABILITATION TECHNICIAN

REHT 112  Rehabilitation Aide Externship (1.5 Units)
This opportunity for students to spend a total of 90 hours in clinical practice at an externship site, applying the innovative skills and knowledge taught in the classroom. Students work under the supervision of a physical therapist, physical therapy assistant, occupational therapist, or rehabilitation professional. COREQUISITE: Health Care Ancillaries 5. (A)

Online Class Offering(s)
- REHT 112-80772  WEB ARR WEB  STAFF
Meets from 03/14 to 05/20 (Students must complete 90 hours in clinical practice at an externship site in 9 weeks. Dates and times to be arranged. This class requires concurrent enrollment with REHT-113-80773.
Students are required to attend an orientation meeting. Enrolled students must check their Canvas account by the first day of class. Zoom meeting links will be posted in Canvas.

**REHT 113 Seminar for Rehab Aide Externs (.5 Units)**
This course provides the rehabilitation aide success in clinical activities during externship. Students will perform a self-assessment and reflections on their work. COREQUISITE: Rehabilitation Aide Technician 112.

(A)

**Online Class Offering(s)**
REHT 113-80773 WEB ARR WEB STAFF
Meets from 03/14 to 05/20 (This class requires concurrent enrollment with REHT-112-80772.) This is a 100% online class. Enrolled students must check their Canvas account by the first day of the class. Failure to do so may result in the student being dropped from the course. Please contact the instructor through Canvas for more information.

**SCIENCE**

**SCI 1A INT CHEM/PHYS SCI (4 Units)**
This course provides an investigation of basic principles of physics and chemistry including matter, physical and chemical properties, energy, motion, light, atomic structure, bonding, solutions and chemical reactions. The inter-dependence of chemistry and physics will be emphasized. This course is intended for non-science majors. PREREQUISITES: Satisfaction of the CSU system General Education Quantitative Reasoning Requirement (CSU-GE Area B4). ADVISORIES: Eligibility for English 1A or 1AH. (A, CSU-GE, UC, I) (C-ID CHEM 140) (C-ID PHYS 140)

**Full Term Class Offering(s)**
SCI 1A-80178 MW 2:00pm-3:15 AC1 150 C.VAN DEGRIFT
and
SCI 1A-80179 MW 2:00pm-3:15 AC1 150 C.VAN DEGRIFT
and
SCI 1A-80179 M 3:30pm-4:40 AC1 214 C.VAN DEGRIFT

**SOCIIOLOGY**

**SOC 1A INTRO TO SOC (3 Units)**
Sociology 1A promotes the understanding of society and how it works. It also examines how society affects individuals and how individuals affect society. Major topics include culture, socialization, social problems, and social change. ADVISORIES: Eligibility for English 125 and 126. (A, CSU-GE, UC, I) (C-ID SOCI 110)

**Full Term Class Offering(s)**
SOC 1A-80539 MWF 8:00am-8:50 AC1 150 STAFF (CCCAP-CNHS)
SOC 1A-80545 MWF 8:00am-8:50 AC1 206 STAFF
SOC 1A-80542 TTh 9:30am-10:45 AC2 178 STAFF
SOC 1A-80543 MWF 11:00am-11:50 AC1 281 STAFF
SOC 1A-80540 MWF 1:00pm-1:50 AC1 175 STAFF (CCCAP-BUC/CWHS)
SOC 1A-80544 T 6:00pm-8:50 AC1 241 STAFF
SOC 1A-80541 W 6:00pm-8:50 AC1 181 STAFF
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<td>(Dual Enrollment-Sierra Charter. This is a 100% online class. Students that are enrolled must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course. Please contact the instructor through Canvas for more information.)</td>
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**SOC 1B  Critical Thinking Abt Soc Prob (3 Units)**
Critical thinking is an important component of sociology the sociological imagination requires us to step back, to ask questions, and to evaluate evidence. This class explores some of the major social problems and social issues experienced by society today. In the study of social problems, this course utilizes both inductive and deductive forms of reasoning, including identifying formal and informal fallacies and analyzes the evidence on which conclusions are based. The application of critical thinking strengthens and heightens the social awareness of students concerning major social problems today. ADVISORIES: Eligibility for English 1A Sociology 1A. (A, CSU-GE, I) (C-ID SOCI 115)

**Online Class Offering(s)**
SOC 1B-80551 WEB ARR WEB STAFF
(This is a 100% online class. Students that are enrolled must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course. Please contact the instructor through Canvas for more information.)

**SOC 2  AMER MINORITY GR (3 Units)**
This class is a multidisciplinary study of ethnic and racial groups in the United States. Special emphasis is placed on the socio-historical, demographic, sociological, and social psychological aspects of African, Asian, Latino, Native American, White ethnic, and other minority groups. ADVISORIES: Eligibility for English 125 and 126. (A, CSU-GE, UC, I) (C-ID SOCI 150)

**Full Term Class Offering(s)**
SOC 2-80552 TTh 11:00am-12:15 AC1 206 STAFF

**SOC 3  Intro to Social Just Studies (3 Units)**
Interdisciplinary study of race, ethnicity, gender and class in the United States. Students examine social justice movements in relation to racial and ethnic groups, gender and class in the United States to provide a basis for a better understanding of the socio-economic, cultural, and political conditions among key social groups. ADVISORY: Eligibility for English 1A. (A, CSU, CSU-GE, UC, I) (C-ID SJS 110)

**Full Term Class Offering(s)**
SOC 3-80553 TTh 2:00pm-3:15 AC1 281 STAFF

**SOC 11  Sociology of Gender Studies (3 Units)**
This course explores the social construct of feminine and masculine identities both historically and in cross-cultural contexts. Issues regarding gender socialization in both macro and micro levels will be examined. The class will analyze the impact of social, economic, and political changes on gender expectations and practices. ADVISORY: Eligibility for English 1A. (A, CSU, CSU-GE, UC, I)

**Full Term Class Offering(s)**
SOC 11-80538 TTh 8:00am-9:15 AC1 175 STAFF
SPANISH

SPAN 1  BEGIN SPANISH (5 Units)
This beginning course in conversational and written Spanish for non-native speakers is intended for students without previous exposure to Spanish. The topics covered in this course include introduction to pronunciation, vocabulary, idioms, grammar, basic composition, and exploration of the cultures of Spain, Latin America and Hispanic cultures of the U.S. ADVISORIES: Eligibility for English 1A. (A, CSU, CSU-GE, UC, I)(C-ID SPAN 100)

Full Term Class Offering(s)
SPAN 1-80554  MWF  8:00am-9:30  AC1 118  D.GUTIERREZ
SPAN 1-80557  TTh  8:00am-10:15  AC1 118  D.GUTIERREZ
SPAN 1-80555  TTh  1:00pm-3:15  AC1 118  E.GALINDO
SPAN 1-80556  MW  6:00pm-8:20  AC1 118  D.MACIAS SANCHEZ

SPAN 2  HIGH-BEG SPANISH (5 Units)
This second-semester course in conversational and written Spanish course is for non-native speakers. There is development of grammatical structures, expansion of vocabulary and further study of the cultures of Spain, Latin America and Hispanic cultures of the U.S. Introduction to the literary text. PREREQUISITES: Spanish 1, or 2 years of high school Spanish, or the equivalent skill level as determined by instructor.
ADVISORIES: Eligibility for English 1A. (A, CSU, CSU-GE, UC, I)(C-ID SPAN 110)

Full Term Class Offering(s)
SPAN 2-80558  MWF  10:00am-11:30  AC1 118  D.GUTIERREZ
SPAN 2-80559  TTh  6:00pm-8:15  AC1 193  E.GALINDO

SPAN 3  INTER SPANISH (5 Units)
This third-semester course in conversational and written Spanish is for non-native speakers. There is review of basic grammar, further development of oral skills and grammatical structures, continued expansion of vocabulary, composition and discussion of short literary texts and an increased emphasis on reading and writing as tools in exploring the cultures of Spain and Latin America and the Hispanic cultures of the U.S. ADVISORIES: Eligibility for English 1A. (A, CSU, CSU-GE, UC, I) (C-ID SPAN 200)

Full Term Class Offering(s)
SPAN 3-80560  MWF  12:00pm-1:30  AC1 118  D.GUTIERREZ

STATISTICS

STAT 7  Elementary Statistics (4 Units)
This course provides an introduction to statistical methods and techniques for business and behavioral/social science majors. Topics include: Data collection and analysis measures of central tendency and variability probability theory discrete and continuous distributions sampling theory and estimation hypothesis testing correlation/regression analysis time series analysis and index numbers. This course meets the business major requirements for students transferring to Cal State University, Fresno. PREREQUISITES: Mathematics 103 or two years high school algebra. ADVISORIES: Eligibility for English 1A. (A, CSU-GE, UC, I)(C-ID MATH 110)

Full Term Class Offering(s)
STAT 7-80744  MW  11:00am-12:50  AC1 187  R.WELK
STAT 7-80746  MW  1:00pm-2:50  AC1 187  R.WELK

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ACCOUNTING

ACCTG 4A  FINANCIAL ACCTG (4 Units)
This course covers the accounting information system, examining why it is important and how it is used by investors, creditors, and others to make decisions. It includes recording and reporting of business transactions with a focus on the accounting cycle, and the application of generally accepted accounting principles for the preparation of financial statements. This course includes issues relating to asset, liability, equity valuation, revenue and expense recognition, cash flow, internal control and ethics. ADVISORIES: Accounting 40, eligibility for English 125, 126, and Mathematics 201 (A, CSU, UC) (C-ID ACCT 110)

Short Term Class Offering(s)
ACCTG 4A-80564  MWF  8:30am-11:20  HC 108  W.WHITE
and
MW  11:30am-12:20  HC 108  W.WHITE
Meets from 01/10 to 03/11

Full Term Class Offering(s)
ACCTG 4A-80563  T  8:00am-10:20  HC 104  P.FREDIERE
and
Th  8:00am-9:15  HC 104  P.FREDIERE
and
Th  9:30am-10:20  HC 104  P.FREDIERE
ACCTG 4A-80561  T  2:00pm-4:20  HC 105  J.CASTANEDA
and
Th  2:00pm-3:15  HC 105  J.CASTANEDA
and
Th  3:30pm-4:20  HC 105  J.CASTANEDA
ACCTG 4A-80562  T  6:00pm-8:20  HC 104  J.CASTANEDA
and
Th  6:00pm-7:15  HC 104  J.CASTANEDA
and
Th  7:30pm-8:20  HC 104  J.CASTANEDA

ACCTG 4B  MANAGERIAL ACCTG (4 Units)
This course is a study of how managers use accounting information in decision-making, planning, directing operations and controlling. Focuses on cost terms and concepts, cost behavior, cost structure and cost-volume-profit analysis. Includes issues of cost systems, cost control, profit planning, and performance analysis in manufacturing and service environments. PREREQUISITES: Accounting 4A. ADVISORIES: Accounting 40, eligibility for English 125, 126, and Mathematics 201. (A, CSU, UC) (C-ID ACCT 120)

Full Term Class Offering(s)
ACCTG 4B-80567  T  3:30pm-5:50  HC 106  W.WHITE
and
Th  3:30pm-5:45  HC 106  W.WHITE
and
Th  5:00pm-5:50  HC 106  W.WHITE
**AMERICAN SIGN LANGUAGE**

**ASL 1  BEG AM SIGN LANG (4 Units)**

ASL 1 is a course in everyday communication with the Deaf and severely hearing impaired and intended for students with no knowledge of ASL. This class is an introduction to vocabulary, idioms, grammar, the culture of the deaf community, and appropriate behavior for social interaction with the deaf. ADVISORIES: Eligibility for English 1A. (A, CSU-GE, UC, I)

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<td>ASL 1-80230</td>
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<td>HC 108</td>
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**ANTHROPOLOGY**

**ANTHRO 1  Biological Anthro (3 Units)**

This course introduces the concepts, methods of inquiry, and scientific explanations for biological evolution and application to the human species. Topics and issues to be addressed may include, but are not limited to: genetics evolutionary theory modern human variation and biocultural adaptations primate evolution and comparative primate anatomy and behavior and the fossil evidence for human evolution. The scientific method serves as a foundation of inquiry for this course. ADVISORIES: Eligibility for English 1A. (A, CSU-GE, UC, I)

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<tr>
<td>ANTHRO 1-80184</td>
<td>TTh</td>
<td>2:00pm-3:15</td>
<td>HC 217</td>
<td>A.SANTANA</td>
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**ART**

**ART 2  ART APPRECIATION (3 Units)**

Lecture course to learn the cultural significance of the arts. Instruction will cover media and movements. Students will also learn the elements and principles of design to understand the visual language of the arts and the methods used by artists to communicate ideas to the public. Course also emphasizes the multicultural visual dialogue that occurs throughout the different communities in the world. ADVISORIES: Eligibility for English 125 and 126. (A, CSU-GE, UC, I)(C-ID ARTH 100)

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<td>ART 2-80207</td>
<td>TTh</td>
<td>12:30pm-1:45</td>
<td>HC 212</td>
<td>P.JOHNSON</td>
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<tr>
<td>ART 2-80206</td>
<td>MWF</td>
<td>2:00pm-2:50</td>
<td>HC 212</td>
<td>C.PARK</td>
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**BUSINESS ADMINISTRATION**

**BA 19V  Coop Wk Exper, Bus (1-8 Units)**

This course provides supervised employment, directly related to student's major in information systems or business. Students may enroll for a maximum of 8 units per semester. Students may earn a total of 16 units in work experience of which only 6 may be in COTR-19G. Students earn units using the following formula: for paid work, 75 hours = 1 unit for volunteer work, 60 hours =1 unit. Note: Repetition of Cooperative Work Experience courses is allowable under Title 5, §55253. (A, CSU)

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<td>M.ITSKOFF</td>
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(Students are required to attend one of the following orientation meetings: Clovis Herndon Campus on Thursday, 01/20 from 5:00-6:00pm in HC-212 or Clovis Community College on Wednesday, 01/26 from 5:00-6:00pm in AC1-187. Enrolled students must check their Canvas account by the first day of the semester.)
Failure to do so may result in the student being dropped from the course. Please contact the instructor through Canvas for more information.)

BA 19V-80727  ARR  ARR  ARR  STAFF  
(Students are required to attend one of the following orientation meetings: Clovis Herndon Campus on Thursday, 01/20 from 5:00-6:00pm in HC-212 or Clovis Community College on Wednesday, 01/26 from 5:00-6:00pm in AC1-187. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course. Please contact the instructor through Canvas for more information.)

BA 19V-80732  ARR  ARR  ARR  C.HOLDEN  
(Students are required to attend one of the following orientation meetings: Clovis Herndon Campus on Thursday, 01/20 from 5:00-6:00pm in HC-212 or Clovis Community College on Wednesday, 01/26 from 5:00-6:00pm in AC1-187. Enrolled students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course. Please contact the instructor through Canvas for more information.)

COMMUNICATION

COMM 1  PUBLIC SPEAKING (3 Units)
Fundamentals of public speaking utilizing theories and techniques of communication to enhance public speaking skills. Particular emphasis is on the organization and criticism of public discourse. This is achieved through research, reasoning, presentations, and the evaluation of various types of speeches which include informative and persuasive speeches. ADVISORIES: Eligibility for English 1A or 1AH. (A, CSU, CSU-GE, UC, I) (C-ID COMM 110)

Full Term Class Offering(s)
COMM 1-80245  MW  12:00pm-1:15  HC 106  H.WINIGER

COOPERATIVE WORK EXPERIENCE

COTR 19G  COOP TRN GENERAL (1-6 Units)
Supervised employment, not directly related to the student's major. Students may enroll for a maximum of 6 units per semester. Students earn units using the following formula: for paid work, 75 hours = 1 unit for volunteer work, 60 hours = 1 unit. Note: Repetition of Cooperative Work Experience courses is allowable under Title 5, §55253. (A, CSU)

Short Term Class Offering(s)
COTR 19G-80620  ARR  ARR  ARR  C.HOLDEN  
Meets from 03/07 to 05/20 (Please contact the instructor through Canvas for more information.)

Full Term Class Offering(s)
COTR 19G-80617  ARR  ARR  ARR  M.BERRY  
(Students are required to attend one of the following orientation meetings: Clovis Herndon Campus on Thursday, 01/20 from 5:00-6:00pm in HC-212 or Clovis Community College on Wednesday, 01/26 from 5:00-6:00pm in AC1-187.)
COTR 19G-80618  ARR  ARR  ARR  T.BEDWELL  
(Students are required to attend one of the following orientation meetings: Clovis Herndon Campus on Thursday, 01/20 from 5:00-6:00pm in HC-212 or Clovis Community College on Wednesday, 01/26 from 5:00-6:00pm in AC1-187.)
COTR 19G-80619  ARR  ARR  ARR  C.HOLDEN
(Students are required to attend one of the following orientation meetings: Clovis Herndon Campus on Thursday, 01/20 from 5:00-6:00pm in HC-212 or Clovis Community College on Wednesday, 01/26 from 5:00-6:00pm in AC1-187.)

**COUNSELING**

**COUN 53  COLLEGE/LIFE MGMT (3 Units)**
This course is designed for first-year college students. It will prepare students for college life and academic success. Topics will include personal growth and development, academic goal development, campus resources, student success strategies, diversity and cultural awareness, and maintaining a healthy lifestyle.

ADVISORIES: Eligibility for English 125, 126, and Mathematics 201. (A, CSU)

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<tr>
<td>COUN 53-*****</td>
<td>TTh</td>
<td>8:00am-9:35</td>
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Full Term Class Offering(s)

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<tr>
<td>COUN 53-80721</td>
<td>MW</td>
<td>11:00am-12:50</td>
<td>HC 216</td>
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(CALWORKS STUDENTS ONLY. Please contact Laura Gonzales at [559]325-5293 for more information.)

**ECONOMICS**

**ECON 1B  MICROECONOMICS (3 Units)**
An introduction to micro economic theory covers the choices of individual economic decision makers, elasticity, scarcity, income distribution, market structure, market failure, production and cost theory, specialization and trade, and the role of the public sector. PREREQUISITES: Mathematics 201. ADVISORIES: Eligibility for English 1A and Mathematics 103. (A, CSU, CSU-GE, UC, I) (C-ID ECON 201)

Full Term Class Offering(s)

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<tr>
<td>ECON 1B-80640</td>
<td>MW</td>
<td>9:30am-10:45</td>
<td>HC 105</td>
<td>X.SONG</td>
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**EDUCATION**

**EDUC 10  INTRO TO TEACH (3 Units)**
This course introduces students to the concepts and issues related to teaching diverse learners in contemporary schools, Kindergarten through grade 12 (K-12). Topics include teaching as a profession and career, historical and philosophical foundations of the American education system, contemporary educational issues, California's content standards and frameworks, and teacher performance standards. In addition to class time, the course requires a minimum of 45 hours of structured fieldwork in K-12 classrooms that represent California's diverse student population, and includes cooperation with at least one carefully selected and campus-approved certificated classroom teacher. Students need to do their observation in a classroom that is in line with their degree plans. Single subject majors (History, Math, English, etc.) need to observe in subject area at a high school or junior high. Multiple subject students need to do their observations in an elementary school or junior high school. ADVISORIES: Eligibility for English 125 and English 126. (A, CSU, UC)(C-ID EDUC 200)

Full Term Class Offering(s)

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<tr>
<td>EDUC 10-80278</td>
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<td>HC 105</td>
<td>M.BENNETT</td>
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<td>M.BENNETT</td>
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(Dual Enrollment-CW/BUC Students Only. Students are required to do 48 hours of K-12 observations during the course of the semester.)
### ENGLISH

#### ENGL 1A  READ & COMP (4 Units)
Students read, analyze, and compose college-level prose, with emphasis on the expository read and analyze at least one book-length text study writing as a process explore different composing structures and strategies edit and revise their own writing and conduct research (gather, organize, evaluate, integrate, and document information, culminating in a term research paper and annotated bibliography. Students write a minimum of 6,000 words in formal academic language. PREREQUISITES: English 125 and 126 or Interdisciplinary Studies 251 or placement through college assessment process. (A, CSU-GE, UC, I) (C-ID ENGL 100)

**Full Term Class Offering(s)**
- ENGL 1A-80324  TTh  8:30am-10:20  HC 210  STAFF
- ENGL 1A-80309  MW  9:30am-11:20  HC 217  STAFF
- ENGL 1A-80325  TTh  10:30am-12:20  HC 210  STAFF
- ENGL 1A-80323  MW  12:30pm-2:20  HC 210  STAFF
- ENGL 1A-80310  TTh  12:30pm-2:20  HC 210  STAFF

#### ENGL 3 CRIT RDG & WRIT (3 Units)
This course is designed to develop critical thinking, reading, and writing skills beyond the level achieved in English 1A/1AH. The course focuses on the development of logical reasoning and analytical and argumentative writing skills based primarily on works of non-fiction in a variety of media. Students write a minimum of 6,000 words during the course of the semester, including one essay of at least 2,000 words. PREREQUISITES: English 1A or 1AH. (A, CSU-GE, UC, I) (C-ID ENGL 105)

**Full Term Class Offering(s)**
- ENGL 3-80362  MWF  8:30am-9:20  HC 210  STAFF
- ENGL 3-80366  TTh  8:30am-9:45  HC 217  STAFF
- ENGL 3-80363  MWF  9:30am-10:20  HC 210  STAFF
- ENGL 3-80356  TTh  10:00am-11:15  HC 217  STAFF
- ENGL 3-80364  MWF  10:30am-11:20  HC 210  STAFF
- ENGL 3-80357  MW  11:30am-12:45  HC 217  STAFF
- ENGL 3-80365  MWF  11:30am-12:20  HC 210  STAFF
- ENGL 3-80367  TTh  11:30am-12:45  HC 217  STAFF

### GEOGRAPHY

#### GEOG 1  Physical Geography (3 Units)
The course is a spatial study of the Earth’s dynamic physical systems and processes. Topics include: Earth-sun geometry, weather, climate, water, landforms, soil, and the biosphere. Emphasis is on the interrelationships among environmental and human systems and the processes and their resulting patterns and distributions. Tools of geographic inquiry are also briefly covered they include: maps, remote sensing, Geographic Information Systems (GIS) and Global Positioning Systems (GPS) ADVISORY: English 125 and English 126, or Interdisciplinary Studies 251. (A, CSU-GE, UC, I)

**Full Term Class Offering(s)**
- GEOG 1-80385  MW  3:30pm-4:45  HC 212  S.MCFEETERS
**GEOLOGY**

**GEOL 1 PHYSICAL GEOL (4 Units)**
An introduction to the principles of geology with emphasis on Earth processes. This course focuses on the internal structure and origin of the Earth and the processes that change and shape it. The laboratory component focuses on the identification of rocks and minerals, topographic and geologic map exercises demonstrating the work of water, wind, ice and gravity and effects of tectonic activity. Optional field trips to classic geologic locations. ADVISORIES: Eligibility for English 125, 126, and Mathematics 201 or equivalent. (A, CSU-GE, UC, I) (C-ID GEOL 101)

**Full Term Class Offering(s)**
GEOL 1-80106 T 9:00am-11:50 HC 214 V.MOORE
and Th 9:00am-11:50 HC 214 V.MOORE
GEOL 1-80105 T 6:00pm-8:50 HC 214 C.HEAP
and Th 6:00pm-8:50 HC 214 C.HEAP

**GEOL 9 INT TO EARTH SCI (4 Units)**
An introduction to the essentials of Earth Science with a laboratory. Topics include the geosphere, atmosphere, hydrosphere, and solar system. This course focuses on the interactions between physical and chemical systems of the Earth such as the tectonic cycle, rock cycle, hydrologic cycle, weather and climate. Optional fieldtrips. ADVISORIES: Eligibility for English 125, 126, and Mathematics 201. (A, CSU-GE, UC, I) (C-ID GEOL 121)

**Full Term Class Offering(s)**
GEOL 9-80111 T 1:00pm-3:50 HC 214 D.OLIVER
and Th 1:00pm-3:50 HC 214 D.OLIVER

**HEALTH CARE ANCILLARIES**

**HCA 5 Intro to Health Care & Careers (3 Units)**
This course is designed to prepare for a career in health care. It provides an overview of health care and examines various health care careers and their contribution to community vitality. This class assists the student in decision-making skills for future careers in health care. Students will learn basic life skills from the American Heart Association. ADVISORIES: Eligibility for English 125 and English 126, and Mathematics 250. (A, CSU)

**Short Term Class Offering(s)**
HCA 5-80653 TTh 6:00pm-8:50 HC 106 D.PAVLOVICH
Meets from 01/11 to 03/10

**HEALTH EDUCATION**

**HLTH 1 CONTEMP HLTH ISS (3 Units)**
This course is designed to introduce the student to a comprehensive study of personal and community health. This course will also introduce the student to health issues at the local, state, and national levels. ADVISORIES: Eligibility for English 125 and 126. (A, CSU-GE, UC)

**Full Term Class Offering(s)**
HLTH 1-80428 T 12:30pm-3:20 HC 106 E.GONZALEZ
### HISTORY

#### HIST 1  WEST CIV TO 1648 (3 Units)
This course provides a survey of the political, social, economic, cultural and intellectual developments of European civilization from its prehistoric antecedents in the Middle East to the rise of modern European nations in the seventeenth century. ADVISORIES: Eligibility for English 125 and 126. (A, CSU-GE, UC, I) (C-ID HIST 170)

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<tr>
<td>HIST 1-80393</td>
<td>MWF</td>
<td>1:00pm-1:50</td>
<td>HC 211</td>
<td>J.PULIDO</td>
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#### HIST 11  U S TO 1877 (3 Units)
This course traces the political, social, and economic development of the United States from the colonial period to the Reconstruction Era. ADVISORIES: Eligibility for English 125 and 126. (A, CSU-GE, UC, I) (C-ID HIST 130) (C-ID HIST 140: HIST 11, HIST 12, & HIST 12H)

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<tr>
<td>HIST 11-80404</td>
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<td>8:00am-9:15</td>
<td>HC 211</td>
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#### HIST 12  U S SINCE 1865 (3 Units)
This course traces the political, social, and economic development of the United States from the Reconstruction Era to the present. ADVISORIES: Eligibility for English 125 and 126. (A, CSU-GE, UC, I) (C-ID HIST 140: HIST 11, HIST 12 & HIST 12H)

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<td>HIST 12-80413</td>
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<td>HC 211</td>
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| HIST 12-80415                 | TTh           | 12:30pm-3:20 | HC 211      | STAFF        |

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<tr>
<td>HIST 12-80412</td>
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<td>8:00am-10:50</td>
<td>HC 211</td>
<td>J.PULIDO</td>
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<tr>
<td>HIST 12-80414</td>
<td>TTh</td>
<td>9:30am-10:45</td>
<td>HC 211</td>
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### INFORMATION SYSTEMS

#### IS 19V  Coop Wk Exper, Inf Sys (1-8 Units)
Supervised employment, directly related to student's major in information systems or Business. Students may enroll for a maximum of 8 units per semester. Students may earn a total of 16 units in work experience of which only 6 may be in COTR-19G. Students earn units using the following formula: for paid work, 75 hours = 1 unit for volunteer work, 60 hours = 1 unit. Note: Repetition of Cooperative Work Experience courses is allowable under Title 5, §55253. (A, CSU)

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<td>IS 19V-80768</td>
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(Students are required to attend one of the following orientation meetings: Clovis Herndon Campus on Thursday, 01/20 from 5:00-6:00pm in HC-212 or Clovis Community College on Wednesday, 01/26 from 5:00-6:00pm in AC1-187.)

**MATHEMATICS**

**MATH 11 ELEM STATISTICS (4 Units)**
This course is an introduction to statistical methods and techniques with applications in the fields of business, behavioral and social science, as well as in science, technology, engineering, and mathematics. Topics include descriptive measures of central tendency and variability, probability, binomial and normal distributions, random variables, sampling, estimating, hypothesis testing (parametric and nonparametric), correlation and regression. PREREQUISITES: Mathematics 103. ADVISORIES: Eligibility for English 125 and 126.(A, CSU-GE, UC, I)(C-ID MATH 110)

**Full Term Class Offering(s)**

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<tr>
<td>MATH 11-80139</td>
<td>TTh</td>
<td>1:00pm-2:50</td>
<td>HC 216</td>
<td>J.TAGUE</td>
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**MATH 103 INTER ALGEBRA (5 Units)**
This course will deal with many algebraic concepts, including equations and inequalities in two variables, rational exponents and roots, quadratic functions, exponential and logarithmic functions, and conic sections. PREREQUISITES: Mathematics 201 or equivalent. ADVISORIES: Eligibility for English 126.(A)

**Full Term Class Offering(s)**

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<tr>
<td>MATH 103-80118</td>
<td>TTh</td>
<td>10:00am-12:15</td>
<td>HC 216</td>
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**MECHATRONICS & INDUSTRIAL AUTOMATION**

**MECH 2 Mechanical Systems (3 Units)**
Introduction to machinery and machining processes, essential elements of mechanical systems, mechanical drives (gears, belts and pulleys, clutches), mechanical hardware, bushings, bearings, lubrication systems, basic properties of materials, hydraulics and pneumatics, preventive maintenance, basic hand and power tools, and basic precision dimensional measurement. ADVISORIES: Eligibility for English 1A and Mathematics 4A. (A, CSU-GE)

**Full Term Class Offering(s)**

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<tr>
<td>MECH 2-80676</td>
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<td>HC 310</td>
<td>M.GRAFF</td>
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<td>and</td>
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<td>10:00am-12:15</td>
<td>HC 310</td>
<td>M.GRAFF</td>
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<td>and</td>
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<td>9:00am-12:15</td>
<td>HC 310</td>
<td>M.GRAFF</td>
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**MECH 4 Electric Motors - Controls (4 Units)**
This course is an intermediate study of basic ladder and wiring diagrams used in the control of electric motors, which includes the various electrical components and their functions as applied to motor controls. Topics include the various types of motors used in applying electro-mechanical power: motor starting components, protective devices, heat dissipation, motor slippage and frequency, multi speed motors and variable speed drives (VFDs) are discussed. Lab assignments allow the student a hands-on approach to wiring various control components in the operation of three-phase motors. ADVISORIES: Eligibility for English 1A and Mathematics 4A. (A, CSU-GE)

**Full Term Class Offering(s)**

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<td>MECH 4-80771</td>
<td>MW</td>
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<td>HC 310</td>
<td>M.GRAFF</td>
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<td>and</td>
<td>MW</td>
<td>3:30pm-4:50</td>
<td>HC 310</td>
<td>M.GRAFF</td>
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MECH 5  Programmable Logic Controllers (3 Units)
The function and application of programmable logic controllers. Students learn ladder programming of Programmable Logic Controllers (PLCs). Topics covered include bit-level input and output instructions, timers, counters, latches, documentation, and troubleshooting. ADVISORIES: Eligibility for English 1A and Mathematics 4A. (A, CSU-GE)

Full Term Class Offering(s)
MECH 5-80678  
T  1:30pm-2:20  HC 310  M.GRAFF
and  
T  2:30pm-4:45  HC 310  M.GRAFF
and  
Th  1:30pm-4:45  HC 310  M.GRAFF

MECH 19V  Coop Wk Exp, Mech/Indus Autom (1-8 Units)
Supervised employment, directly related to the student's major in Mechatronics / Industrial Automation. Students earn units using the following formula: for paid work, 75 hours = 1 unit for volunteer work, 60 hours = 1 unit. Students may enroll for a maximum of 8 units per semester. Students may earn a total of 16 units in work experience of which only 6 may be in COTR 19G. Note: Repetition of Cooperative Work Experience courses is allowable under Title 5, §55253. (A)

Full Term Class Offering(s)
MECH 19V-80675  ARR  ARR  ARR  M.GRAFF
(Please contact the instructor through Canvas for more information.)

MUSIC

MUS 12  MUS APPRECIATION (3 Units)
The course acquaints students with basic musical concepts and terminology. These concepts are then employed in the study of our Western musical heritage from the Middle Ages to the present. ADVISORIES: Eligibility for English 125 and 126. (A, CSU-GE, UC, I) (C-ID MUS 100)

Full Term Class Offering(s)
MUS 12-80443  TTh  8:00am-9:15  HC 106  STAFF

MUS 16  JAZZ HIST & APPR (3 Units)
This course studies the history and development of American jazz styles from the early 20th century to the present. It is an introductory course for the general student and/or non-musician. ADVISORIES: Eligibility for English 125 and 126. (A, CSU-GE, UC, I)

Full Term Class Offering(s)
MUS 16-80446  TTh  10:00am-11:15  HC 106  STAFF

OCCUPATIONAL THERAPY ASSISTANT

OTA 5 Docum the Ot Process (1 Units)
In this course, the Occupational Therapy Assistant (OTA) student develops basic skills in clinical documentation, learns how to write subjective, objective, assessment, and plan (SOAP) notes in relation to Occupational Therapy treatment. PREREQUISITE: Enrollment in the Occupational Therapy Assistant program and Office Technology 10. CO-REQUISITE: Occupational Therapy Assistant 1. (A, CSU)

Full Term Class Offering(s)
OTA 5-80696  W  2:00pm-2:50  HC 304  STAFF
OTA 11  Func Biomech & Appld Kines Lab (1 Units)
Through a hands-on lab, the Occupational Therapy Assistant (OTA) student analyzes functional human movement and develops intervention methods and strategies for remediation of and compensation for biomechanical deficits and impairments. Students learn to take basic vital signs, demonstrate proper body mechanics and ergonomics, measure range of motion, perform manual muscle testing, complete safe functional transfers. PREREQUISITE: Enrollment in the Occupational Therapy Assistant Program. CO-REQUISITE: OTA-10. (A, CSU)

Short Term Class Offering(s)
OTA 11-80692 T  2:00pm-5:50  HC 309  H.REED
and S  8:00am-1:50  HC 309  H.REED
and S  8:00am-1:50  HC 309  H.REED
and S  8:00am-1:50  HC 309  H.REED
Meets from 01/11 to 03/08

OTA 30  Thry & Proc in Dev Dis & Ped C (3 Units)
In this course the Occupational Therapy Assistant (OTA) student learns normal movement, behavior, and milestones of children and adolescents, and is introduced to developmental disabilities and common pediatric conditions referred for Occupational Therapy treatment. The student learns the scope of occupational therapy, types of practice settings, common frames of references, intervention strategies, standardized tests, and role of the OTA in pediatrics. ADVISORY: Prefer anatomy/physiology be taken no more than 10 years prior to enrollment date PSY-38. PREREQUISITE: Enrollment in the Occupational Therapy Assistant program OT-10. (A, CSU)

Short Term Class Offering(s)
OTA 30-80693 MW  3:00pm-5:50  HC 304  E.DOLIN
Meets from 03/14 to 05/18

OTA 32  Intro to Clin Prac in Dev Dis (1 Units)
Through Level I Fieldwork experiences, the Occupational Therapy Assistant (OTA) student is introduced to developmental disabilities and common pediatric conditions that limit or affect engagement in occupation. As participant observers, students integrates academic experiences with Occupational Therapy (OT) process in settings serving pediatric clients with a variety of occupational challenges and degrees of disability. ADVISORY: COMM-10. PREREQUISITE: Enrollment in the Occupational Therapy Assistant program HCA-5. CO-REQUISITE: OTA-30. (A, CSU)

Short Term Class Offering(s)
OTA 32-80694 T  2:00pm-5:50  HC 309  E.DOLIN
and S  8:00am-1:50  HC 309  E.DOLIN
and S  8:00am-1:50  HC 309  E.DOLIN
and S  8:00am-1:50  HC 309  E.DOLIN
Meets from 03/15 to 05/17
OTA 50  Fldwork Lvl II for the Ota #1 (6.5 Units)
This course is the first fieldwork level II rotation, which concentrates on the application of knowledge and skills for the Occupational Therapy Assistant (OTA) student. Students complete 8 weeks of full-time supervised fieldwork in a facility working with clients/patients with physical and/or psychosocial dysfunction. Students are required to attend five (5) weekend seminar meetings during the 9-week rotation. Students will be placed in two distinctly different clinical settings for OTA-50 and OTA-51 in order to experience a broad range of clinical expectations and scenarios. PREREQUISITES: Enrollment in the Occupational Therapy Assistant program, OTA-3, OTA-4, OTA-6, and OTA-42. (A, CSU)

Short Term Class Offering(s)
OTA 50-80648  
S 8:30am-2:20  
HC 309  
STAFF
and  
S 8:30am-2:20  
HC 309  
STAFF
and  
S 8:30am-2:20  
HC 309  
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and  
S 8:30am-2:20  
HC 309  
STAFF
and  
TBA TBA  
CCC ARR  
STAFF
Meets from 01/15 to 01/15 (320 HRS Fieldwork Arranged)

OTA 51  Fldwk Lvl II for the Ota #2 (6.5 Units)
This course is the second fieldwork level II rotation, which concentrates on the application of knowledge and skills for the Occupational Therapy Assistant (OTA) student. Students complete 8 weeks of full-time supervised fieldwork in a facility working with clients/patients with physical and/or psychosocial dysfunction. Students are required to attend five (5) weekend seminar meetings during the 9-week rotation. Students will be placed in two distinctly different clinical settings for OTA-50 and OTA-51 in order to experience a broad range of clinical expectations and scenarios. PREREQUISITE: Enrollment in the Occupational Therapy Assistant program OTA-50. (A, CSU)

Short Term Class Offering(s)
OTA 51-80652  
S 8:30am-2:20  
HC 309  
STAFF
and  
S 8:30am-2:20  
HC 309  
STAFF
and  
S 8:30am-2:20  
HC 309  
STAFF
and  
S 8:30am-2:20  
HC 309  
STAFF
and  
TBA TBA  
CCC ARR  
STAFF
Meets from 03/26 to 03/26 (320 HRS Fieldwork Arranged)

OFFICE TECHNOLOGY

OT 10  MED TERMINOLOGY (3 Units)
This course provides students an opportunity to learn medical vocabulary with concentration on prefixes, suffixes, and root words. Emphasis is given to word dissection and definitions as applied to the body systems including the terminology used in examinations, diagnoses, procedures, laboratory investigations, and medical reports. ADVISORIES: Eligibility for English 125 and 126. (A, CSU)

Short Term Class Offering(s)
OT 10-80680  
TTh 6:00pm-8:50  
HC 106  
STAFF
Meets from 03/15 to 05/19

221
**Hybrid Class Offering(s)**

<table>
<thead>
<tr>
<th>Section Number</th>
<th>Days</th>
<th>Times</th>
<th>Building/Room</th>
<th>Instructor</th>
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<tbody>
<tr>
<td>OT 10-80681</td>
<td>Th</td>
<td>2:00pm-4:50</td>
<td>HC 104</td>
<td>STAFF</td>
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<tr>
<td>and</td>
<td>Th</td>
<td>2:00pm-4:50</td>
<td>HC 104</td>
<td>STAFF</td>
</tr>
<tr>
<td>and</td>
<td>Th</td>
<td>2:00pm-3:50</td>
<td>HC 104</td>
<td>STAFF</td>
</tr>
<tr>
<td>and</td>
<td>TBA</td>
<td>TBA</td>
<td>CCC WEB</td>
<td>STAFF</td>
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</table>

(This is an online class with mandatory face-to-face meetings on campus. Students must check their Canvas account by the first day of the semester. Failure to do so may result in the student being dropped from the course. This class requires the following mandatory, face-to-face meetings at Clovis Herndon Campus, from 2:00-4:50pm in room HC-104 Thursdays on 03/10 and 05/12, and from 2:00-3:50pm on 05/19. Please contact the instructor through Canvas for more information.)

**OTA 10  Functnl Biomech & Appld Kines (3 Units)**

In this course, the Occupational Therapy Assistant (OTA) student explores human movement components, including overview of body systems related to movement, joint structure, muscle action, motor development, reflexes, balance and sensory function. PREREQUISITE: Enrollment in the Occupational Therapy Assistant program OT-10. ADVISORIES: Prefer anatomy/physiology and statistics be taken no more than 10 years prior to enrollment date, BIOL-5 or BIOL-25. (A, CSU)

**Short Term Class Offering(s)**

<table>
<thead>
<tr>
<th>Section Number</th>
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<th>Instructor</th>
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<tbody>
<tr>
<td>OTA 10-80691</td>
<td>MW</td>
<td>3:00pm-6:05</td>
<td>HC 304</td>
<td>H.REED</td>
</tr>
</tbody>
</table>

Meets from 01/10 to 03/09

**POLITICAL SCIENCE**

**POLSCI 2  AMERICAN GOV (3 Units)**

The field of American politics deals with the organization, distribution and orientation of political power in American society. This course surveys the processes and institutions of United States national, state and local politics. Among the topics discussed are individual political attitudes and values, political participation, voting, parties, interest groups, Congress, the presidency, Supreme Court, the federal bureaucracy, civil liberties and civil rights, and domestic and foreign policy making. Attention is paid both to the present state of the American political system and to its historical roots. PREREQUISITES: Eligibility for English 1A or 1AH. (A, CSU-GE, UC, I) (C-ID POLS 110)

**Full Term Class Offering(s)**

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<tr>
<th>Section Number</th>
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<th>Instructor</th>
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<tbody>
<tr>
<td>POLSCI 2-80503</td>
<td>TTh</td>
<td>2:00pm-3:15</td>
<td>HC 212</td>
<td>S.JACKSON-YBARRA</td>
</tr>
</tbody>
</table>

**PSYCHOLOGY**

**PSY 2  Gen Psychology (3 Units)**

This course presents an overview of psychology, a field that emphasizes the scientific study of human behavior and mental processes. The content focuses on major psychological theories and concepts, methods, research findings, and real-world applications in psychology. Topics include history, methodology, biopsychology, lifespan development, sensation and perception, consciousness and altered states, learning and memory, cognition and language, intelligence, motivation and emotion, personality, psychopathology and therapy, stress and health, social psychology, and cultural influences. ADVISORIES: Eligibility for English 1A. (A, CSU-GE, UC, I) (C-ID PSY 110)

**Full Term Class Offering(s)**

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<tbody>
<tr>
<td>PSY 2-80518</td>
<td>TTh</td>
<td>8:00am-9:15</td>
<td>HC 212</td>
<td>C.GREENWOOD</td>
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<tr>
<td>PSY 2-80521</td>
<td>MW</td>
<td>8:30am-9:45</td>
<td>HC 212</td>
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222
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<tr>
<th>Section Number</th>
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<th>Instructor</th>
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<tbody>
<tr>
<td>PSY 2-80519</td>
<td>TTh</td>
<td>9:30am-10:45</td>
<td>HC 212</td>
<td>K.JOHNSON</td>
</tr>
<tr>
<td>PSY 2-80520</td>
<td>MW</td>
<td>11:00am-12:15</td>
<td>HC 211</td>
<td>S.IRISH</td>
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<tr>
<td>PSY 2-80517</td>
<td>MWF</td>
<td>1:00pm-1:50</td>
<td>HC 217</td>
<td>D.DUFFY</td>
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**PSY 5  Social Psychology (3 Units)**

This course focuses on a systematic analysis of the social determinants of behavior and mental processes related to the social environment. Emphasis is on the perception of ourselves and others attitudes and attitude changes social cognition roles compliance, conformity and obedience the power of the situation attraction aggression altruism prejudice and stereotypes gender roles, cultural norms group phenomena and applied social psychology. ADVISORIES: Eligibility for English 1A. (A, CSU-GE, UC, I) (C-ID PSY 170)

**Full Term Class Offering(s)**

| PSY 5-80537    | TTh   | 9:30am-10:45   | HC 108        | C.GREENWOOD |

**PSY 16  Abnormal Psy (3 Units)**

This course introduces the scientific study of psychopathology and atypical behaviors, broadly defined. Students investigate abnormal behavior from a variety of perspectives including biological, psychological, and sociocultural approaches. An integrative survey of theory and research in abnormal behavior, including intervention and prevention strategies for psychological disorders. ADVISORIES: Psychology 2 or Psychology 2H and eligibility for English 1A. (A, CSU-GE, UC, I) (C-ID PSY 120)

**Full Term Class Offering(s)**

| PSY 16-80507   | MW    | 12:30pm-1:45   | HC 212        | D.SCHOENBURG |

**PSY 38  LIFESPAN DEVELOP (3 Units)**

Basic theories, research concepts, and principles of physical, cognitive and psychosocial development, including biological and environmental influences, will be explored with a focus on each major stage of life from conception to death. This course is designed to promote critical self-understanding. Students will apply developmental theory to major topics, including developmental problems, that occur throughout one’s lifespan. ADVISORIES: Eligibility for English 1A. (A, CSU-GE, UC, I) (C-ID

**Full Term Class Offering(s)**

| PSY 38-80532   | MWF   | 11:00am-11:50  | HC 105        | T.MATTHEWS  |

**PSY 45  PSY RESEARCH METH (3 Units)**

This course surveys psychological research methods. An emphasis is placed on research design, descriptive techniques, experimental procedures, and the characteristics of valid assessment tools. The course also focuses on the collection, analysis, interpretation, and reporting of research data. Cultural considerations and the ethics of research with human and animal participants will be included. The course is designed for psychology majors and others who require familiarity with such research techniques. PREQUISITES: Psychology 2 or 2H, and Mathematics 11 or 11H or Statistics 7. ADVISORIES: English 1A or 1AH.(A, CSU-GE, UC, I) (C-ID PSY 200)

**Full Term Class Offering(s)**

| PSY 45-80535   | TTh   | 11:00am-12:15  | HC 211        | S.IRISH     |
**SOCIOLOGY**

**SOC 1A  INTRO TO SOC (3 Units)**  
Sociology 1A promotes the understanding of society and how it works. It also examines how society affects individuals and how individuals affect society. Major topics include culture, socialization, social problems, and social change. ADVISORIES: Eligibility for English 125 and 126. (A, CSU-GE, UC, I) (C-ID SOCI 110)

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<th>Section Number</th>
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<tbody>
<tr>
<td>SOC 1A-80547</td>
<td>MWF</td>
<td>2:00pm-2:50</td>
<td>HC 217</td>
<td>STAFF</td>
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<tr>
<td>SOC 1A-80546</td>
<td>Th</td>
<td>6:00pm-8:50</td>
<td>HC 217</td>
<td>STAFF</td>
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**SOC 1B  Critical Thinking Abt Soc Prob (3 Units)**  
Critical thinking is an important component of sociology the sociological imagination requires us to step back, to ask questions, and to evaluate evidence. This class explores some of the major social problems and social issues experienced by society today. In the study of social problems, this course utilizes both inductive and deductive forms of reasoning, including identifying formal and informal fallacies and analyzes the evidence on which conclusions are based. The application of critical thinking strengthens and heightens the social awareness of students concerning major social problems today. ADVISORIES: Eligibility for English 1A Sociology 1A. (A, CSU-GE, I) (C-ID SOCI 115)

**Full Term Class Offering(s)**

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<tr>
<td>SOC 1B-80550</td>
<td>MW</td>
<td>11:00am-12:15</td>
<td>HC 212</td>
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**WATER TREATMENT & DISTRIBUTION**

**WTD 107  ADV WSTWTR TRTMNT (3 Units)**  
Knowledge and skills required to effectively operate and maintain wastewater treatment facilities prepare students to take the State Water Resources Control Board (SWRCB) Grade III Certificate exam. PREREQUISITES: Water Treatment & Distribution 106. (A)

**Full Term Class Offering(s)**

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<th>Section Number</th>
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<tr>
<td>WTD 107-80695</td>
<td>TTh</td>
<td>6:00pm-7:15</td>
<td>HC 108</td>
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