



Clovis
Community
College



2017-2018 CATALOG ADDENDUM



STATE CENTER
COMMUNITY COLLEGE DISTRICT

Clovis Community College
2017-2018 Catalog Addendum

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Clovis Community College

2017-2018 Catalog Addendum

Modified Associate Degree and Certificate Programs Effective Spring 2018

(Pages 58-79 of the 2017-2018 catalog)

Change: Photography 1 course title changed to “Introduction to Digital Photography,” removed advisory of Mathematics 201, and revised catalog description.

Art – Two Dimensional Program

(Major #C.520A.AA)

Associate in Arts Degree

Change: deleted Geography 40A, World Regional Geography A and Geography 40B, World Regional Geography B; add Geography 6, World Regional Geography

Foreign Language

(Major #C.5500.AA)

Associate in Arts Degree

Change: revised catalog description, Chemistry 8, Elementary Organic Chemistry

Liberal Arts and Sciences, Natural Sciences

(Major #C.5130.AA)

Associate in Arts Degree

Change: deleted Geography 40A, World Regional Geography A and Geography 40B, World Regional Geography B; add Geography 6, World Regional Geography

Liberal Studies

(Major #C.5890.AA)

Associate in Arts Degree

Change: revised catalog description, Chemistry 8, Elementary Organic Chemistry

Physical Science

(Major #C.6300.AS)

Associate in Science Degree

Change: deleted Geography 40A, World Regional Geography A and Geography 40B, World Regional Geography B; add Geography 6, World Regional Geography

Social Science

(Major #C.7410.AA)

Associate in Arts Degree

Correction to Associate Degree and Certificate Programs

Correction: add, “The Food Safety and Quality Technician certificate is not yet approved for financial aid eligibility.”

Food Safety and Processing

(Major #C.5690.CA)

Certificate of Achievement

New Associate Degrees for Transfer Effective Fall 2017

(Pages 80-96 of 2017-2018 catalog)

Associate in Arts in Art History for Transfer Degree

(Major #C.5204.AA-T)

The Associate in Arts in Art History for Transfer Degree prepares students for transfer to a California State University to complete a bachelor's degree with a maximum of 60 units.

The Associate in Arts in Art History for Transfer Degree emphasizes the study of cultural activities and artistic expression of human beings. Students will evaluate and interpret the ways in which people, throughout history, in different cultures and geographic locations, have responded to the world around them through artistic and cultural production. Students will learn fundamental art and art historical terminology, an appreciation for the creative process, and to analyze works of art in order to articulate the historical, social and aesthetic functions of art.

Program learning outcomes:

Upon completion of the Clovis Community College Associate in Arts in Art History for Transfer Degree), a student will be able to:

1. Apply knowledge of art historical terminology to the description of artwork.
2. Communicate effectively both verbally and in writing in order to describe and analyze the artistic contributions of diverse peoples.
3. Utilize critical thinking to discuss works of art in a personal, cultural, and global context.
4. Evaluate and analyze the strengths and weaknesses of an artworks effectiveness to visually communicate.

Catalog description

The Associate in Arts in Art History for Transfer Degree is designed to give students a foundational understanding of art history. The primary focus is to prepare students for transfer into art history programs at the California State University (CSU) system. Students will learn fundamental art and art historical terminology, an appreciation of the creative process, and how to analyze works of art in order to articulate the historical, social and aesthetic functions of art across cultures and geographic boundaries.

To obtain the Associate in Arts in Art History for Transfer Degree (AA-T in Art History), students must complete the following requirements:

1. Completion of 60 semester units that are eligible for transfer to the California State University, including both of the following:
 - a. The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education – Breadth Requirements.
 - b. A minimum of 18 semester units in a major or area of emphasis, as determined by the community college district.
2. Obtainment of a minimum grade point average of 2.0.

ADTs also require that students must earn a C or better in all courses required for the major or area of emphasis. A “P” (Pass) grade is not an acceptable grade for courses in the major.

REQUIRED CORE ----- 9

ART 5, Art History 1 ----- 3

ART 6, Art History 2 ----- 3

or

ART 6H, Honors Art History 2 ----- 3

ART 7, Beginning Drawing ----- 3

LIST A: SELECT ONE COURSE FROM THE FOLLOWING LIST ----- 3

ART 55, Introduction to Asian Art ----- 3

Note: This course must be taken at Fresno City College

LIST B: SELECT ONE COURSE FROM THE FOLLOWING LIST ----- 3

ART 3, Two-Dimensional Design ----- 3

ART 4, Three-Dimensional Design ----- 3

ART 30A, Illustrator: Beginning Computer Drawing and Design ----- 3

ART 37A, Photoshop: Digital Visual Art ----- 3

ART 41, Computerized Multimedia ----- 3

ART 42, Computer Animation 3/D ----- 3

PHOTO 1, Introduction to Digital Photography ----- 3

ART 9, Beginning Painting: Oil and Acrylic ----- 3

ART 19, Intermediate Painting: Oil and Acrylic ----- 3

LIST C: SELECT ONE COURSE FROM THE FOLLOWING LIST ----- 3

ART 2, Art Appreciation ----- 3

CHIN 1, Beginning Chinese ----- 4

CHIN 2, High-Beginning Chinese ----- 4

FRENCH 1, Beginning French ----- 4

FRENCH 2, High-Beginning French ----- 4

FRENCH 3, Intermediate French ----- 4

FRENCH 4, High-Intermediate French ----- 4

HIST 1, Western Civilization to 1648 ----- 3

HIST 2, Western Civilization from 1648 ----- 3

HIST 11, History of the United States to 1877 ----- 3

HIST 12, History of the United States since 1865 ----- 3

HIST 12H, Honors History of the United States since 1865	3
HIST 20, World History 1, to 1600	3
HIST 22, History of American Women	3
PHIL 1, Introduction to Philosophy	3
PHIL 1C, Ethics	3
PHIL 1CH, Honors Ethics	3
PHIL 1D, World Religions	3
SPAN 1, Beginning Spanish	5
SPAN 2, High-Beginning Spanish	5
SPAN 3, Intermediate Spanish	5
SPAN 3NS, Spanish for Spanish Speakers	4
SPAN 4, High-Intermediate Spanish	5
SPAN 4NS, Spanish for Spanish Speakers	4
SPAN 15, Practical Spanish Conversation, Intermediate Level	3
SPAN 16, Practical Spanish Conversation, High-Intermediate Level	3
ANTHRO 1, Biological Anthropology	3
ANTHRO 2, Cultural Anthropology	3
ANTHRO 3, Introduction of Archaeology and Prehistory	3
ECON 1A, Principles of Macroeconomics	3
ECON 1B, Principles of Microeconomics	3
TOTAL UNITS FOR THE MAJOR	18-20

Advisors: S. Dent, Johnson, King, Ledgerwood

Modified Associate Degrees for Transfer Effective Spring 2018

Change: Photography 1 course title changed to Introduction to Digital Photography, removed advisory of Mathematics 201, and revised catalog description.

Associate in Arts in Studio Arts for Transfer Degree

Art (major #c.5203.aa-t)

Change: deleted Geography 40A, World Regional Geography A and Geography 40B, World Regional Geography B; add Geography 6, World Regional Geography

Associate in Arts in Elementary Teacher Education for Transfer Degree

Child development (major #c.5891.aa-t)

Change: deleted Geography 40A, World Regional Geography A and Geography 40B, World Regional Geography B; add Geography 6, World Regional Geography

Associate in Arts in Political Science for Transfer Degree

Political science (major #c.7450.aa-t)

Associate in Arts in Communication Studies for Transfer Degree

Communication Studies (major #C.5345.AA-T)

COURSES ADDED TO LIST B

Anthropology 2, Cultural Anthropology	3
Communication 15, Computer-Mediated Communication	3
English 3, Critical Thinking	3
English 3H, Honors Critical Thinking	3
Psychology 2, General Psychology.....	3
Psychology 2H, Honors General Psychology.....	3
Sociology 1A, Introduction to Sociology	3

Correction to Associate Degree for Transfer

Correction: Add Required Core courses and heading above course list that begins with “DANCE 9, Dance Conditioning.”

Associate in Arts in Kinesiology for Transfer Degree

Kinesiology (major #c.1270.aa-t)

REQUIRED CORE	12 UNITS
BIOL 20, Human Anatomy	4
BIOL 22, Human Physiology	5
KINES 22, Introduction to Physical Education	3

Course Descriptions

(Pages 101-146 in 2017-2018 catalog)

Deleted Courses Effective Spring 2018

Geography (GEOG)

40A World Regional Geography A

3 units, 3 lecture hours, (Pass/No Pass)

ADVISORIES: Eligibility for English 125 and 126.

This course covers Europe, the post-Soviet Region, the Middle East, and Africa: a study of the physical settings, population patterns, natural resources, and economic and political status of these regions.

Geography 40A and 40B together are equivalent to the Fresno City College courses Geography 4A and 4B together. (A, CSU-GE, UC, I) (C-ID GEOG 125: GEOG-40A & GEOG-40B)

40B World Regional Geography B

3 units, 3 lecture hours, (Pass/No Pass)

ADVISORIES: Eligibility for English 125 and 126.

This course covers Asia, the Americas, Australia, New Zealand, and the Pacific Islands: a study of the physical settings, population patterns, natural resources, and economic and political status of these regions.

Geography 40A and 40B together are equivalent to the Fresno City College courses Geography 4A and 4B together. (A, CSU-GE, UC, I) (C-ID GEOG 125: GEOG 40A & 40B)

New Courses Effective Spring 2018

Biology (BIO)

122 Introduction to Concepts of Human Anatomy and Physiology

3 units, 3 lecture hours, (Pass/No Pass)

This introductory course provides an overview of the basic anatomy and physiology of all body systems. It is designed as a non-transferable course for the Rehabilitation Aide Program and other related programs, and may be useful for other health-related technologies and for strengthening or developing a vocabulary and critical thinking skills in human anatomy and physiology. (A)

Health Care Ancillaries (HCA)

5 Introduction to Health Careers

3 units, 3 lecture hours (Pass/No Pass)

ADVISORIES: Eligibility for English 125 and English 126, and Mathematics 250.

This course is designed to prepare for a career in health care. It examines various health care careers and their contribution to community building. This class assists the student in decision-making skills for future careers in health care. (A, CSU)

Mathematics (MATH)

102 Plane Geometry

3 units, 3 lecture hours (Pass/No Pass)

PREREQUISITE: Mathematics 201. ADVISORIES: Eligibility for English 126.

Plane Geometry consists of the study of points, lines and planes. This course will include an introduction to geometric reasoning and the properties of angles, lines, polygons, and circles. (A)

203P Review of Elementary Algebra

1 unit, 1 lecture hour (Pass/No Pass Only)

PREREQUISITE: Mathematics 250. COREQUISITE: Mathematics 103.

A short-term review course of topics in Elementary Algebra (Math 201): algebraic expressions, linear equations and inequalities, linear equations and inequalities in two variables, exponents and polynomials, factoring, and rational expressions. This course is in conjunction with Math 103, Intermediate Algebra.

Mechatronics (MECH)

2 Mechanical Systems

3 units, 1 lecture hour, 6 lab hours (Graded only A-F)

ADVISORY: Eligibility English 1A and eligibility for Mathematics 4A.

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. (A, CSU-GE)

3 Electricity and Electronics (AC & DC)

4 units, 3 lecture hour, 3 lab hours (Graded only A-F)

ADVISORY: Eligibility English 1A and eligibility for Mathematics 4A.

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. (A, CSU-GE)

4 Electric Motors-Controls

4 units, 3 lecture hour, 3 lab hours (Graded only A-F)

ADVISORY: Eligibility English 1A and eligibility for Mathematics 4A.

Intermediate study of basic ladder and wiring diagrams used in the control of electric motors. 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 and multi speed motors are discussed. Lab assignments allow the student a hands-on approach to wiring various control components in the operation of three-phase motors. (A, CSU-GE)

5 Programmable Logic Controllers (PLCs)

3 units, 1 lecture hour, 6 lab hours (Graded only A-F)

ADVISORY: Eligibility English 1A and eligibility for Mathematics 4A.

The function and application of programmable logic controllers. Students will become familiar with the ladder programming of Programmable Logic Controllers. Topics covered include bit-level input and output instructions, timers, counters, latches, documentation, and troubleshooting. (A, CSU-GE)

23 Electromechanical Technology (Industrial Mechanical Technology)

3 units, 2 lecture hour, 3 lab hours (Pass/No Pass)

PREREQUISITE: Mechatronics 3 and Mechatronics 5. COREQUISITE: Mechatronics 4

Basic principles of process instrumentation and control. Topics include: level, pressure, flow, and level measurement, final control elements, piping and instrument diagrams and tags, PID controller programming, data collection, and basic control algorithms.

35 Industrial Communications Networks

3 units, 2 lecture hours, 3 lab hours (Pass/No Pass)

PREREQUISITE: Mechatronics 5.

Fundamentals of industrial communication networks including: EtherNet/IP & TCP/IP operations, setting IP addresses, remote I/O network operation/configuration/tags, and troubleshooting. (A, CSU-GE)

45 Electromechanical Technology (Industrial Mechanical Technology)

3 units, 1 lecture hour, 6 lab hours (Graded Only (A-F))

PREREQUISITE: Mechatronics 5.

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. (A, CSU-GE)

Rehabilitation Technician (REHT)

111 Rehabilitation Aide

4 units, 3 lecture hours, 3 lab hours (Graded Only A-F)

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. (A)

112 Rehabilitation Aide Externship

1.5 units, 5 weekly lab hours (Pass/No Pass Only)

COREQUISITE: Health Care Ancillaries 5.

This opportunity for students to spend a total of 90 hours in clinical practice at a minimum of two externship sites, 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. (A)

113 Seminar for Rehabilitation Aide Externship

0.5 unit, 0.5 lecture hours (Pass/No Pass Only)

COREQUISITE: Rehabilitation Aide 112.

This course provides the rehabilitation aide student with structured activities to support success in clinical activities during externship. Students will perform a self-assessment and reflections on their work. (A)

Revised Courses Effective SPRING 2018

Chemistry (CHEM)

Change: Revised catalog description.

8 Elementary Organic Chemistry

3 units, 3 lecture hours (Pass/No Pass)

PREREQUISITE: Chemistry 1A or 3A. ADVISORY: Eligibility for English 1A

Properties and reaction of aliphatic and aromatic compounds, theories of structure, and introduction to reaction mechanisms. For biology majors and students in prehealth sciences, environmental sciences, and programs that do not require a full-year sequence organic chemistry. Recommended for students requiring a one-semester organic chemistry course. (A, CSU-GE, UC, I)

Child Development (CHDEV)

Change: Revised catalog description.

30 Child, Family, and Community

3 units, 3 lecture hours (Pass/No Pass)

ADVISORIES: Eligibility for English 125 and English 126.

An examination of the developing child in a societal context focusing on the interrelationship of family, school and community that emphasizes historical and social-cultural factors. The processes of socialization and identity development will be highlighted. (A, CSU, UC) (C-ID CDEV 110)

Mathematics (MATH)

Change: Revised prerequisite from “geometry” to Mathematics 102, Plane Geometry.

4A Trigonometry

4 units, 4 lecture hours (Pass/No Pass)

PREREQUISITE: Mathematics 103 and Mathematics 102.

Change: Revised prerequisite from “geometry” to Mathematics 102, Plane Geometry.

10B Structure and Concepts in Mathematics 2

3 units, 3 lecture hours (Pass/No Pass)

PREREQUISITE: Mathematics 10A and Mathematics 102. ADVISORIES: Eligibility for English 125 and 126.

Photography (PHOTO)

Change: Changed course title from “Basics of Digital Photography” to “Introduction to Digital Photography;” removed advisory of Mathematics 201; revised catalog description.

1 Introduction to Digital Photography

3 units, 3 lecture hours (Pass/No Pass)

ADVISORIES: Eligibility for English 125 and English 126.

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. (A, CSU-GE, UC)

Revised Courses Effective Summer 2018

Health Care Ancillaries (HCA)

Change: Changed course title from “Introduction to Health Careers” to “Introduction to Health Care and Careers;” revised catalog description, and content to include new Occupational Therapy Assistant standards and American Heart Association CPR certification.

5 Introduction to Health Care and Careers

3 units, 3 lecture hours (Pass/No Pass)

ADVISORIES: Eligibility for English 125 and English 126, and Mathematics 250.

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. (A, CSU)

Corrections to Courses

Music (MUS)

Correction: Remove corequisites of Music 3 and Music 20.

5 Midi Music Production

2 units, 2 lecture hours, 1 lab hour (Pass/No Pass)

This course uses synthesizers, computers, and MIDI sequencing software to compose, edit, and record music. (A, CSU)

PHYSICAL EDUCATION (PE)

Correction: Corrected catalog description

43C Off-Season Conditioning For Swimming

1 unit, 3 lab hours (Pass/No Pass)

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. (A, CSU)

Creating Opportunities

One Student at a Time



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