Clovis Community College

2017-18

Associate of Science in Computer Science Degree

Complete the following program of study (Major C.6920.AS). Major requirements (20 units minimum).

A student who completes this degree will be prepared to assume responsibility for an entry or mid-level managerial position in an organization. This degree provides students with a broad knowledge of modern business and management theories through a carefully structured core curriculum consisting of courses in accounting, economics, management, and computer information systems.

Name: _____ **Student ID:** _____ **Date:** _____

Course Overview and Selection

Required Core:

Course	Course Description	Units	Completed	In Progress	Planned
CSCI 40	Programming Concepts and Methodology I	**4**			
CSCI 41	Programming Concepts and Methodology II	**4**			

List A – Select 12 units

Course	Course Description	Units	Completed	In Progress	Planned
CSCI 26	Discrete Mathematics for Computer Science Programming	**4**			
CSCI 45	Computer Organization & Assembly Language Programming	**4**			
MATH 5A	Math Analysis I	**5**			
MATH 5B	Math Analysis II	**4**			
PHYS 2A **Or** **PHYS 4A**	General Physics 1 Or Physics for Scientists and Engineers	**4** **Or** **4**			
PHYS 2B **Or** **PHYS 4B**	General Physics 2 Or Physics for Scientists and Engineers	**4** **Or** **4**			

Program Learning Outcomes:

1. Understand the social impact of computers on human society
2. Carry out computer related tasks with professional ethics
3. Write programs using procedural programming language
4. Write programs using object oriented programming language
5. Analyze and solve application problems in science and engineering
6. Write programs using advanced programming concepts

Comments:

Faculty Advisors: Briones, Martinez, Sarkisian, Vagim