Clovis Community College

2022 - 2023

Information Systems: Programming for the Web Associate in Science Degree

Complete the following program of study. (Major C.693C.AS) Major requirements (27 units minimum).

The Associate in Science Degree is designed to provide students with the basic knowledge and skills necessary to pursue a career in Information Systems. Students completing the Business Department core courses and the Information Systems core courses and one of the three options (Networking, Web Design, or Programming for the Web) will be able to enter the workforce with a comprehensive understanding of computer basics and a computing specialty (option) that can be applied in business, government, or education

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

Course Overview and Selection

Required Courses:

Course	Course Description	Units	Completed	In Progress	Planned
BA 5	Business Communications	3			
BA 10	Introduction to Business	3			
IS 15	Computer Concepts	3			
IS 16	Word Processing	1.5			
IS 18	Spreadsheet Fundamentals	1.5			
IS 31 or IS 33	Introduction to Programming or Beginning Java Programming	3			
IS 40A	Web Development with HTML, CSS, and Java Script	3			
IS 47	Visual Basic	3			
IS 13 or IS 50A	Database Essentials or Introduction to Game Programming	1.5 3			
IS 61	Computer Building and Configuration	1.5			

Complete one course from the following:

Course	Course Description	Units	Completed	In Progress	Planned
BA 39 or	Finite Mathematics for Business or	3			
MATH 5A or	Math Analysis I or	5			
MATH 103 or	Intermediate Algebra or	5			
STAT 7	Elementary Statistics	4			

Program Learning Outcomes:

1. Operate commonly used computer hardware and office software.
2. Identify the categories of software by their purpose and provide examples of each category.
3. Plan, design, and write stand-alone computer programs.
4. Apply structured logic in analyzing and solving problems.
5. Develop a well-designed relational database.
6. Create a Web document that contains hyperlinks, graphics, tables and forms.
7. Demonstrate a breadth of knowledge of networking its uses in the business environment.

Comments:

Faculty Advisor(s): Nabors