

2017-2018 Associate in Science Degree in Information Systems: Programming for the Web Option

Complete the following program of study (#C.693C.AS). Major requirements (34.5 units minimum).

The purpose of this program is to provide students with the knowledge, training, and hands-on experience to pursue a career as a web programming specialist. Students completing this course of study will be able to enter the workforce as a programming specialist in web environments in business government, and education. These courses apply toward the Associate in Science Degree in Information Systems.

Name: _____ Student ID: _____ Date: _____

Course Overview and Selection

Core Courses:

Course	Course Description	Units	Completed	In Progress	Planned
ACCTG 40	Applied Accounting	4			
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	Introduction to Programming	1.5			
IS 33	Beginning Java Programming	3			
IS 26A <i>or</i> IS 50A	Database Concepts and Design <i>or</i> Introduction to Game Programming	3			
IS 40A	Web Development with HTML, CSS, and Java Script	3			
IS 47 <i>or</i> IS 50A <i>or</i> IS 50B	Visual Basic <i>or</i> Introduction to Game Programming <i>or</i> Intermediate Game Programming	3			
IS 60	Operating Systems	2			

Complete one course from the following:

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

Program Learning Outcomes:

1. Plan, design, and write stand-alone computer programs.
2. Apply structured logic in analyzing and solving problems
3. Develop a well-designed relational database.
4. Create a Web document that contains hyperlinks, graphics, tables and forms.

Comments: