

PROGRAM OF STUDY

PROGRAMMING FOR THE WEB Certificate of Achievement

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.

Outcomes:

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

Required Courses

		Units
IS15	COMPUTER CONCEPTS	3
IS16	WORD PROCESSING	1.5
IS18	SPREADSHEET FUNDAMENTALS	1.5
IS29	OPERATING SYSTEMS	1.5
IS31	INTRODUCTION TO PROGRAMMING	1.5
IS40A	INTERNET CONCEPTS & DESIGN	3
IS47	VISUAL BASIC	3

Select one course

		Units
IS26A	DATABASE CONCEPTS AND DESIGN	3
	or	
IS50A	Introduction to Game Programming	3

Select one course

		Units
IS33	BEGINNING JAVA PROGRAMMING	3
	or	
IS50B	Intermediate Game Programming	3

Total Units

21

PID 164