PROGRAM OF STUDY

Information Systems, 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.

Program Learning 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.

Required Courses		**Units**
IS15	Computer Concepts	3
IS26A	Database Concepts and Design	3
IS31	Introduction to Programming	3
IS40A	Web Development with HTML	3
IS60	Operating Systems	3

Select two courses		**Units**
IS33	Beginning Java Programming	3
IS47	Visual Basic	3
IS40B	Advanced Internet Concepts and Design	3
IS50A	Introduction to Game Programming	3
IS50B	Introduction to Game Programming using Unity 3D	3

Total Units 21

Effective Term: Fall 2018