

2025 - 2026**Information Systems: Programming for the Web Certificate of Achievement**

Complete the following program of study (Major C.693C.CA). Major requirements (19.5 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**Required Core:**

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

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.
4. Develop a well-designed relational database.

Comments: