

Web Programming Certificate in Applied Science

Mission Statement

The Certificate of Applied Science-Web Programming certificate teaches students how to program with HTML, CSS, JavaScript, Microsoft C#, Microsoft ASP (Active Server Pages), and Microsoft SQL (Structured Query Language). Emphasis throughout the program is placed on the development of dynamic, professional, and secure web applications.

Entrance Requirements:

Acceptable placement test score(s), plus high school diploma or GED

Type of Program:

Day, evening, or online

- This certificate is designed to provide comprehensive training in web programming, backend programming of web servers, and programming database servers. Topics include HTML5 and CSS3, Microsoft C#, Active Server Pages, and SQL database programming, and JavaScript.
- This program requires a minimum grade of "C" in all courses.
- Listed below is the ideal grouping of courses in order by semester. This plan assumes a full-time schedule. Note that many variables can affect this plan and not every course is offered every semester. Please see your advisor to map out your own personalized progression toward graduation.

Recommended Program Schedule

First Semester

CPT	113*	Information Systems	3.0
MAT	105*	Introduction to College Algebra (or higher math)	5.0

Second Semester

CPT	230	C# Programming I	3.0
IST	226	Internet Programming	3.0
IST	272	Relational Database	3.0

Third Semester

CPT	231	C# Programming II	3.0
CPT	239	Active Server Pages	3.0

Fourth Semester

IST	239	DHTML and JavaScript	3.0
IST	278	Database Programming	3.0

Total Required Credit Hours: 29.0

* Prerequisite courses:

Prior to enrolling in the Web Programming core courses in the fall semester, students must complete the prerequisites with a grade of "C" or better.

Visit <https://www.gvltec.edu/gainful-employment/> for important information about the educational debt, earnings and graduation rates of students who attended programs.