WEB PROGRAMMING CERTIFICATE IN APPLIED SCIENCE

Program Description

This certificate is designed to provide comprehensive training in web programming, backend programming of web servers, and programming database servers. Topics include Python, HTML5 and CSS, Microsoft C#, Active Server Pages, SQL database programming and JavaScript.

Mission Statement

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

Entrance Requirements

High school diploma or GED

Type of Program

Day, evening, or online

Requirements for Completion

This program requires a minimum grade of "C" in all courses.

Visit our web page at https://www.gvltec.edu/computertechnology/.

Recommended Program Schedule

Listed below is the ideal grouping of courses in order by semester. This plan assumes a full-time schedule. Note, however, 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.

Note: Please contact your advisor for recommended evening schedules.

First Semester		Hours
CPT 113	Information Systems	3
CPT 257	Operating Systems	3
	Total Semester Hours	**6**
Second Semester		
CPT 127	Python Programming I	3
IST 226	Internet Programming	3
IST 272	Relational Database	3
	Total Semester Hours	**9**
Third Semester		
CPT 230	C# Programming I	3
IST 278	Database Programming	3
	Total Semester Hours	**6**
Fourth Semester		
CPT 231	C# Programming II	3
IST 239	Javascript	3
	Total Semester Hours	**6**
	Total Required Credit Hours	**27**