

Web Programming and Design Certificate

Program Coordinators: Tamara Lasley • tlasley@vhcc.edu • 276-739-2503

Length: Three semesters
(1 year beginning in summer term)

Purpose: With the increased development of business, industry, and government in Virginia, there is a need for qualified personnel in information systems technology and web design. This certificate program is designed to train personnel for full-time employment upon completion of the course requirements. In addition, the curriculum furnishes the student the option to transfer into the AAS degree programs.

Occupational Objectives: Web Programmer, Web Designer, Support for Web Developer

Admission Requirements: A student eligible for admission to the College can normally be considered for admission to Web Design Certificate. Proficiency in high school English and mathematics is required.

Direct enrollment guidelines using either multiple measures or informed placement will determine a student's placement into college-level English and mathematics courses.

Program Requirements: The two-semester curriculum provides training in information systems, web design, and graphics. In addition, the curriculum includes supportive courses as a preparation for entrance into the job market. Upon successful completion of the curriculum, the student will be awarded a Certificate in Web Design.

Course Number	Course Title	Lecture Hours	Lab Hours	Credits
Summer Session				
ENG 111	College Composition I	3	0	3
ITE 119 or ITE 152	Information Literacy or Introduction to Digital and Information Literacy and Computer Applications	3	0	3
Total		6	0	6
First Semester (Fall)				
SDV 101	Orientation to College Success	1	0	1
MTH 132	Business Mathematics	3	0	3
ITD 110	Web Page Design I	3	0	3
EEE	Approved IT Elective	3	0	3
ITP 140	Client Side Scripting	3	0	3
Total		13	0	13
Second Semester (Spring)				
ENG 112 or CST 100	College Composition II or Principles of Public Speaking	3	0	3
ITE 140	Spreadsheet Software	3	0	3
CSC 221	Introduction to Problem Solving and Programming	3	0	3
ITP 240	Server Side Scripting	3	0	3
EEE	Social Science elective	3	0	3
Total		15	0	15
Total Minimum Credits for Certificate				34

¹ Prerequisite: ITE 115, 119, or 152 and MTH 132 or division approval

VHCC policy requires that students must keep their IT skills up to date. Therefore, IT courses transferred from other institutions and IT courses completed at VHCC must not be more than 5 years old for IT majors. If a student can demonstrate competency, the student may appeal the rule by requesting departmental approval from the program coordinator.

Students are urged to follow the [recommended pathway](#) for this certificate when choosing electives.

Additional approved humanities and social science electives are listed at <http://www.vhcc.edu/GenEdCore>.

Web Design and Development Career Studies Certificate

Program Coordinator: Tamara Lasley • tlasley@vhcc.edu • 276-739-2503

Course Number	Course Title	Lecture Hours	Lab Hours	Credits
ITE 119 or ITE 152	Information Literacy or Introduction to Digital and Information Literacy and Computer Applications	3	0	3
ITD 110	Web Page Design I	3	0	3
ITP 140	Client Side Scripting	3	0	3
ITP 240	Server Side Scripting	3	0	3
EEE	Approved IT Elective ¹	3	0	3
Total Credits for Career Studies Certificate		15	0	15