

CSC 151 Articulation Competencies

Web Design I (5 Credits)

Introduction to Introduction to Web content development using HTML (HTML5) and a variety of Web development tools. Publish content to the Web.

Upon completion of this course, successful students will score 80% or better on the following competencies to receive WVC college credits.

Student Learning Outcomes:

CATEGORIES			
1. Problem Solving:	A. Critical Thinking	3. Social Interaction:	A. Collaboration
	B. Creative Thinking		B. Ethical Conduct
	C. Quantitative Reasoning		C. Professional Conduct
	D. Qualitative Reasoning		D. Cultural Diversity
2. Communication:	A. Oral Expression	4. Inquiry:	A. Information Literacy
	B. Written Expression		B. Research
	C. Artistic Expression		C. Documentation

Course Competencies Checklist:

- Understand and use of HTML tags to create static web pages. (1A)
- Understand and use cascade style sheets to create a uniform look to a web site. (1A)
- To publish (post) a web site to a Web Server. (1A)

Program Outcomes:

Students taking computer science classes will be able to:

- Have a beginning knowledge of a computer programming language
- Work independently to write a basic computer program
- Diagnose and troubleshoot computer programming code
- Develop a foundation on which to build further knowledge of computer programming and computer science

Course Topics:

- HTML tag layout and nesting, spacing and special symbols
- Hyperlinks and anchors
- Text formatting (font size, color, bold, italics), Paragraphs
- Pictures in web pages (GIF, JPEG, PNG)
- Page Layout with HTML tags (background, margins, indenting)
- Lists (ordered, unordered, definitions)
- Tables
- Frame pages
- Forms
- Multimedia
- Cascading Style Sheets (External, Internal, Local)
- Formatting with CSS
- Layout and positioning of text/graphics with css
- Metatags
- HTML editors
- Publishing of a Web Site to a Web Server using FTP