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

1. **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)

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

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