

**WEB AUTHORING**  
**College Credit and Careers Network**  
**Dual Credit Articulation Agreement**

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**Upon completion of high school courses equivalent to the following competencies:**

- Create a small website using industry standard website authoring tools.
  - Understand, edit and author HTML code using a text editor.
  - Understand the role of other programming languages (like AJAX) in webpage development.
  - Understand and develop usable file management structures that improve web development workflow.
  - Create dynamic web pages.
  - Identify needs and considerations for publishing to the web including resolution, color management, image types, files sizes and file compatibility.
  - Apply principles of design and navigation to the creation of websites and pages.
  - Understand how technologies interact with websites and optimize them for those technologies
  - Level 1 - Novice
    - Define scope of work
    - Prepare and present functional and technical specifications
    - Prepare preliminary application
    - Create and refine preliminary design/mockup
    - Review technical considerations and constraints
    - Develop project plan
    - Select design tools and programming language
    - Produce graphics and layout elements
    - Perform application maintenance
    - Document application/ site changes
  - Level 2 – Apprentice
    - Gather data to identify customer requirements
    - Develop site map and application models
    - Create or adapt content
    - Write supporting code
    - Develop and implement usability testing
    - Plan and coordinate customer acceptance testing
    - Hand off to customer/user
    - Update content
    - Integrate customer feedback
  - Develop basic pages that may be viewed in any current web browser.
  - Demonstrate a proficiency in the use of current tags in the creation of web pages.
  - Effectively demonstrate an understanding of the client-server relationship and how it relates to the distribution of Internet documents.
  - Define the role of Internet protocols in the basic functionality of the World Wide Web.
  - Research and implement a variety of current tags.
  - Explain the role of standards in World Wide Web authoring.
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**A student earning a “B” or better may earn college credit at the following college:**

<u>College</u>	<u>Course</u>	<u>Credits</u>
Bellevue College	BTS 189	5
Cascadia Community College	BIT 112	5
Lake Washington Technical College	ITAD 112	4