BCT 251 Articulation Competencies

*Web Publishing (5 Credits)*

**Introduces basic concept of web publication and integrate design principles and tools in various programs to create and publish a functional and well-designed website.**

*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:

* Create a clear outline, flowchart, and storyboard for a website. (1A, 2B)
* Apply generally accepted design principles and multimedia/graphic elements. (2B,C)
* Select and apply appropriate methods and tools for multiple browsers, platforms, display sizes, and bandwidths. (4A)
* Analyze online resources for information gathering, and evaluate online content for credibility, reliability, usability, accessibility and other qualities. (1A, 4B)
* Address web cyberlaw, security and copyright issues. (3B, 4B)

Course Topics:

* HTML and other web programming languages
* Web publication and image processing programs
* Online applications and tools for managing web sites
* Principles of design and internet structure
* Multimedia and graphical elements
* Cyberlaw, security, and copyright issues
* Web page creation process, implementation and evaluation
* Web accessibility

Program Outcomes:

Students enrolled in the BCT program will do the following:

* Develop foundational knowledge in computer technologies.
* Develop communication and professional work skills.
* Make appropriate technology choices for business productivity.
* Apply Internet tools for research and collaboration.
* Prepare for industry certifications such as Microsoft Office Specialist and IC3 Digital Literacy.