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
   B. Creative Thinking
   C. Quantitative Reasoning
   D. Qualitative Reasoning
2. **Communication**:
   A. Oral Expression
   B. Written Expression
   C. Artistic Expression
3. **Social Interaction**:
   A. Collaboration
   B. Ethical Conduct
   C. Professional Conduct
   D. Cultural Diversity
4. **Inquiry:**
   A. Information Literacy
   B. Research
   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)

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.

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