



Course Articulation Agreement Procedures and Provisions

CSC176 - Intermediate Computing Topics (WebPage Design)

3 Credits

The student will choose an intermediate or advanced computing topic that addresses current technology, with the consent of the instructor, which will be pursued in depth. A learning contract will be created and signed by the student and instructor specifying the competencies to achieve during the course. The chosen topic may be a course in the BBCC catalog.

STUDENT PROCEDURES

1. Enroll in the required high school class.
2. Register for Tech Prep dual credit at www.bigbend.edu/techprep.
3. Register for the Tech Prep dual credit articulated course during the same academic year the high school class is completed. If a series of courses are involved in the articulation, students register for credit during the same academic year the last course in the series is completed. **Students cannot earn "retroactive credit" for courses taken in previous years.**
4. Earn a grade of 'B' (3.0) or better in all courses required under the articulation agreement.
5. Complete all required skills as identified on the competency profile.
6. If an exam or review of completed work is required under the terms of this agreement, students must receive a passing score (determined by college or industry certification) to earn college credit.

TEACHER PROCEDURES

1. Ensure all students receive a copy of the course syllabus outlining information about Tech Prep, the college course competencies, and the process required to earn college credit. See attached "College Tech Prep Notice to Students."
2. Hold students accountable for the same competency standard and course expectations as required by the college-equivalent course (*see competency list attached*).
3. If required for articulation, ensure students are prepared to take industry certification exams, complete a professional portfolio documenting their work, or take a final exam to measure their level of skill and competence in the coursework.
4. Submit final grades for all students registered to earn Tech Prep college credit **within 30 days** of high school course completion.
5. Attend scheduled meetings, workshops or in-service activities that enhance the high school/college partnership and support implementation of the Tech Prep articulated program.

ARTICULATION PROVISIONS

1. This agreement is based upon a minimum of 70 hours contact time in the approved high school course.
2. Students must complete projects and competencies approved by both college and high school instructors.
3. If the high school course content changes, this agreement must be amended and approved by the college instructor.
4. The high school will submit a list of required student projects at the beginning of each academic year.

5. When the college credits are posted, the college course will be identified with the high school course name/project.
6. Credit in this course may be applied to degree requirements in the following program:
 - Computer Science Technology

WILSON CREEK HS COURSE DESCRIPTION AND COMPETENCIES

Course Objective:

Assessment will be based on completeness of projects, working links (if applicable), and usability of web page.

Software:

- ◆ MS Front Page
- ◆ Dreamweaver
- ◆ Flash
- ◆ Fireworks
- ◆ Photoshop

Projects:

- ◆ Personal Family Tree
- ◆ School Web pages
- ◆ Staff Pages
- ◆ City of Wilson Creek Web Site Development

Project and Process Management Skills

- ◆ Collaborate with classmates in creating an Acceptable Use Policy
- ◆ Planning a scan
- ◆ Storyboarding
- ◆ Review and redesign
- ◆ File management and naming conventions
- ◆ Copyright and image standard practices
- ◆ Categorizing files in folders

- ◆ Home page construction
- ◆ Designing for usability and accessibility
- ◆ Managing a quality assurance test
- ◆ Factoring user response into redesign
- ◆ Write and follow a task list and schedule
- ◆ Collaboratively build a project plan
- ◆ Construct a list of deliverables
- ◆ Build site with tool and audience restriction

Technical Skills

- ◆ Scanning photographs, objects, and drawings
- ◆ Using a digital camera
- ◆ Panel elements and structure

- ◆ Export window and settings
- ◆ Effects
- ◆ Drawing
- ◆ Text

Research and Communication Skills

- ◆ Graphics types
- ◆ Copyright issues
- ◆ History of the Internet
- ◆ Redesign and peer review

- ◆ Content validity investigation
- ◆ Navigation web investigation
- ◆ Design a quality assurance test
- ◆ Include copyright information for images

Design Skills

- ◆ Investigate how information is displayed on various web browsers (optional)
- ◆ Optimizing JPEGs and GIFs
- ◆ Composition, contrast and balance
- ◆ Emphasis
- ◆ Line
- ◆ Unity and color
- ◆ Editing images
- ◆ Rule of Thirds
- ◆ Proximity and patterns
- ◆ Shape
- ◆ Typography
- ◆ Investigate and incorporate color and layout consistently
- ◆ User interface techniques
- ◆ Screen size considerations
- ◆ Consistent website pages
- ◆ Rebuilding web pages based on user feedback
- ◆ Working with images and thumbnails
- ◆ Arranging text with images
- ◆ Creating a prototype
- ◆ Performing a technical test on a site
- ◆ Creating directory structure for images

NWCET

- ◆ Discuss legal issues associated with locating and retrieving information from the Internet
- ◆ Understand Acceptable Use Policy, copyright and Fair Use Laws
- ◆ Conduct research on the Internet and correctly identify site sources in bibliography
- ◆ Utilize information from electronic communication sources
- ◆ Explain the history, structure, and relevance of the Internet
- ◆ Identify the benefits and downfalls of various search engine

College Tech Prep Notice to Students

(This must be included in high school syllabus.)

If you are requesting an articulation update or renewal, the high school syllabus **MUST** include a notice to students indicating the course is Tech Prep approved and articulated with one or more colleges. The following statement is a **sample** notice. You can use/modify the statement below to include in your syllabus:

Example:

This course is College Tech Prep approved and articulated with Big Bend Community College and the following program area:

Computer Science Technology Program

Students, who demonstrate proficiency of the college course competencies with a 'B' (3.0) or better grade, may earn college credit through the Tech Prep dual credit registration process. The college competencies are attached to this syllabus. During the (semester/year) all competencies will be covered in class...some may require additional independent work by the student. To earn college credit students are required to pass a skill check/assessment with the high school instructor.

Students may earn credit for the following college course(s):

 CSC176 College Course Number **3** Credits

Intermediate Computing Topics (WebPage Design) College Course Name