



COMPUTER INFORMATION & COMPUTER SCIENCE PROGRAMS COURSE ARTICULATION AGREEMENT

New 6/2003
Updated 3/2007

Based upon mutual concern for the needs of students pursuing *Computer Technology* programs, and in an effort to provide a continuing articulated program that builds on past learning experiences and eliminates unnecessary duplication of instruction, the following are agreements to which we mutually subscribe.

STATEMENT OF PURPOSE

The purpose of this agreement is to give Bellingham Technical or Whatcom Community College credit to high school students who have achieved the level of knowledge and skill required for the college equivalent entry-level course(s). High school students must achieve a grade of B (3.0) or better for the agreed upon competencies identified on the *Student Competency Profiles*.

ARTICULATION PROCEDURE

To request college-equivalent credit for an approved Tech Prep secondary course, the student must:

1. Be enrolled in an approved College Tech Prep course.
2. Earn an A or B grade (minimum of 3.0) in the approved high school class and have demonstrated the required competencies for the college course.
3. Receive a signed certificate of course completion from the high school instructor.
4. Complete a *Direct Credit* on-line application form and pay a one-time application fee of \$25.
5. Submit a *Direct Credit* application form no later than June 30 for any college-equivalent courses taken during the school year.
6. The college registrar will post the college course and credits on a permanent transcript. The credits may apply toward the student's college degree program.

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ARTICULATION AGREEMENT PROVISIONS

Each high school will:

1. Ensure all College Tech Prep approved courses are taught by instructors who meet the WA State CTE/vocational teaching requirements or meet BTC'/WCC employment criteria for Computer Teachers.
2. Ensure the program/individual courses meet the program standards established for vocationally approved programs. High school principals/vocational directors are responsible for ensuring the program meets the college standards.
3. On an annual basis, high school instructors will provide an updated course syllabus to the college Tech Prep office (for each Tech Prep approved course).
4. On an annual basis, high school instructors will attend at least one *Computer Technology* articulation program meeting and at least one skill-based inservice or workshop (as made available by the Tech Prep Director).
5. Ensure the curriculum is competency based, integrating academics and technical education through classroom instruction and practical experience.
6. Follow the articulation agreement procedures and provisions for the awarding of credits.
 - Assess student skill & competency using the *Computer Technology Student Competency Profile* for each articulated course.
 - Encourage students to develop a *professional* IT-related portfolio which documents their technical skills, and certification earned.
 - Provide each Tech Prep *Computer Technology* program completer (B or better) with a *Certificate of Proficiency*.
7. Provide information regarding the Tech Prep program and courses to parents and students.

8. Support students using the web-based Tech Prep Registration system; teachers will use the same system for recording final grades for college transcription purposes.
9. Encourage students to visit the campus and program to learn about degree opportunities available in *Computer Technology*.

Student Eligibility: Articulated college credits can be earned and “transcribed” by high school students in grades 9-12. If the student meets the competency standard of "B" or better for the agreed upon course competencies, and achieves a passing grade (75%) on the final “practical” exam then College Tech Prep credits may be granted. Students taking Computer Network technology programs are encouraged (but not required) to take the A+ certification exams (OS and Hardware) to demonstrate an additional level of mastery needed for the workplace.

Bellingham Technical and Whatcom Community Colleges will:

1. Provide all high school partners with copies of the college catalog.
2. Provide all instructors with college course syllabus for each articulated course; syllabus will include the individual course competencies and other program requirements.
3. Provide advance notification (minimum of one year) of changes in course structure that may impact a schools ability to offer the College Tech Prep course(s).
4. Meet regularly with high school instructors to establish and maintain the minimum acceptable competencies and the level of achievement necessary for College Tech Prep articulation.

Agreement Renewal: The high school and college instructors in the *Computer Technology* program will meet annually to review, evaluate and revise curriculum, evaluation methods, textbook changes, that have taken place or will take place for the next academic year. If necessary, the original agreement may be edited to meet new program standards. Articulation agreements shall not exceed two years and will be revised as deemed necessary.

COMPUTER TECHNOLOGY ARTICULATED COURSES

The following BTC and WCC courses have been approved for Tech Prep articulation with local high schools.

Secondary Programs <i>(course titles vary between high schools)</i>	BTC/WCC Computer Technology Programs Colleges Courses Available for Articulation
<p>Mount Baker High School: Computer Engineering <i>(two semester sequence)</i></p> <p>Sehome High School: Computer Programming & Computer Programming Advanced <i>(two semester sequence)</i></p>	<p><i>BTC Courses</i></p> <p>A+ Certification - Hardware IT 112 153 clock hours/10 credits</p> <p>A+ Certification - Operating Systems IT 141 153 clock hours/10 credits</p> <p>Introduction to Programming IT 121 90 hours/5 credits</p> <hr/> <p><i>WCC Courses</i></p> <p>Computer Support I CIS 206 5 credits</p> <p>Operating Systems I CIS 105 5 credits</p> <p>Introduction to Computer Science CS 101 5 credits</p>