

ARTICULATION AGREEMENT

PROGRAM OF STUDY COMPUTER SCIENCE AND TECHNOLOGY, AND INFORMATION SCIENCE AND SYSTEMS

(including concentrations in Computer Science, Software Engineering, Database, Networks,
Information Systems, and Enterprise Systems Development)

RADFORD UNIVERSITY AND BLUE RIDGE COMMUNITY COLLEGE

WHEREAS, Blue Ridge Community College and Radford University exist to provide educational services and opportunities; and

WHEREAS, Blue Ridge Community College and Radford University cooperate effectively to ensure that citizens of the Commonwealth receive the highest quality educational experiences and opportunities; and

WHEREAS, Blue Ridge Community College and Radford University desire to reduce transfer barriers between the two institutions;

THEREFORE, Blue Ridge Community College and Radford University make the following articulation agreement:

A. GENERAL PROVISIONS

1. Admission to the Radford University (RU) Bachelor of Science programs in Computer Science and Technology, and Information Science and Systems, will be open to any Blue Ridge Community College (BRCC) student who has earned, from the date of this agreement forward, an Associate in Arts & Sciences (A.A. & S.) degree in College/University Transfer with a Career Studies Certificate in Computer Science and meets Radford University admissions requirements.
2. Only courses completed at an accredited institution with a grade of "C" or higher will be considered for transfer into this program.
3. A minimum of 40 percent (48 semester hours of the total program) must be RU courses. The total program consists of a minimum of 120 semester hours.
4. The program requirements may be modified to conform to any changes in Radford University or the degree requirements of the respective programs. Any such revisions will be communicated to currently enrolled students and the Vice President of Instruction of Blue Ridge Community College by November 15 preceding the academic year in which the new requirements would take effect. Radford University reserves the right to change, when warranted, any of the provisions of this agreement, course offerings, assigned teaching faculty, calendars, class locations, and fees as might be required.

B. GENERAL EDUCATION REQUIREMENTS

Radford University's general education program requiring 50 credit hours of general education will be met by the completion of the A.A. & S. degree in College/University Transfer.

A.A.&S. PROGRAM REQUIREMENTS

English (6 credits) – English 111/112

Health/Physical Education (2 credits) – Selected from approved list

History (6 credits) – Selected from approved list

Literature (6 credits) – Selected from approved list

Student Development (1 credit) – Selected from approved list

Speech (3 credits)

Computer Literacy (3 credits)

-Students should select:

CSC 200 – Introduction to Computer Science

Social Science (6 credits)

-Students planning to complete a degree in Information Science and Systems should take for maximum benefit:

ECO 201 – Principles of Economics I (Macroeconomics)

ECO 202 – Principles of Economics II (Microeconomics)

Mathematics (6 credits)

-Students planning to complete a degree in Computer Science and Technology should take for maximum benefit:

MTH 173 – Calculus with Analytic Geometry I

MTH 174 – Calculus with Analytic Geometry II

-Students planning to complete a degree in Information Science and Systems should take for maximum benefit:

MTH 270 – Applied Calculus or MTH 173 – Calculus with Analytic Geometry I

MTH 157 – Elementary Statistics

Science (8 credits)

-Students planning to complete a degree in Computer Science and Technology should take for maximum benefit:

Any Biology or CHM 111/112

-Students planning to complete a degree in Information Science and Systems should take for maximum benefit:

Any Biology or CHM 111/112 or PHY 201/202

Electives (16 Credits)

Students should complete the **BRCC REQUIREMENTS IN COMPUTER SCIENCE CAREER STUDIES**

ITP 120 – Java Programming I or CSC 201 – Computer Science I	4
ITP 220 – Java Programming II	4
ITP 200 – Data Structures or CSC 202 – Computer Science II	4
ITP 258 – Systems Development Project	3

In addition, students will want to use their remaining elective hours for:

ITD 110 – Web Design I	3
------------------------	---

Total Minimum Graduation Requirements for A.A.& S. @ BRCC.....63

For students who have completed an Associate in Arts & Sciences (A.A.& S.) degree in College/University Transfer with a Career Studies Certificate in Computer Science (as described above), credit will be awarded at Radford University for the following course equivalencies:

ITEC 100	3
ITEC 110	3
ITEC 120	4
ITEC 220	4
ITEC 225	3

In addition, the following requirements will have been deemed fulfilled (waived):

Technical Electives **	6
------------------------	---

Total23

RU REMAINING REQUIREMENTS

The remaining requirements at Radford University for the various CIST degree programs are listed below. In order for the student to complete these requirements in a timely fashion, the sequence of courses for each concentration is included as an Appendix.

Bachelor of Science in Computer Science and Technology

Computer Science Concentration**	Additional Hours
Technology*	36
Math/Stat	6
Physics	8
Electives	7
Total Combined RU/BRCC Semester Hours for Degree	120
Total Minimum Semester Hours at RU	57

Database Concentration

Technology*	28
Electives	29
Total Combined RU/BRCC Semester Hours for Degree	120
Total Minimum Semester Hours at RU	57

Networks Concentration

Technology*	28
Math/Stat	3
Electives	26
Total Combined RU/BRCC Semester Hours for Degree	120
Total Minimum Semester Hours at RU	57

Software Engineering Concentration

Technology*	28
Electives	29
Total Combined RU/BRCC Semester Hours for Degree	120
Total Minimum Semester Hours at RU	57

Bachelor of Science in Information Science and Systems

Information Systems Concentration

Technology*	16
Business	21
Electives	20
Total Combined RU/BRCC Semester Hours for Degree	120
Total Minimum Semester Hours at RU	57

Enterprise Systems Development Concentration


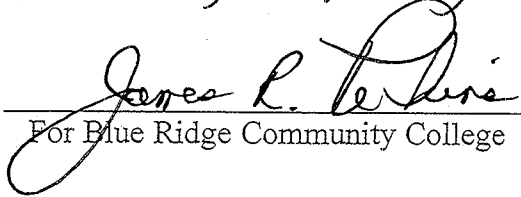
Technology*	13
Business	15
Additional English or Communications Course	3
Electives	26
Total Combined RU/BRCC Semester Hours for Degree	120
Total Minimum Semester Hours at RU	57

* see RU VCCS transfer guide

** the technical elective requirements are not met for the Computer Science concentration.

We the undersigned verify that the articulation agreement between Radford University and Blue Ridge Community College described herein is approved for immediate implementation.

This agreement shall remain in effect until terminated by either party upon written notice to the other party of an intention to terminate. Such notice should be given at least one year in advance of the effective date of termination, and students who enter Radford University under this agreement may take advantage of its terms for two years after termination becomes effective.

 _____ For Radford University	 _____ For Blue Ridge Community College	<u>5-9-05</u> Date	<u>5/10/05</u> Date
--	--	-----------------------	------------------------