

Articulation Agreement between The College of St. Rose and Schenectady County Community College

Objective

To provide an opportunity for those qualified students at Schenectady County Community College (SCCC) who wish pursue a BS in Information Technology degree offered at The College of St. Rose to enter CSR as juniors and complete the BS in 2 years of fulltime study at The College of St. Rose

Terms of the Agreement

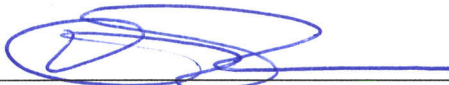
Published standards of admission to College of St. Rose apply.

College of St. Rose agrees to accept for transfer into the BS in Information Technology up to 62 credit hours earned by a student who graduates from the Computer Science AS degree program at SCCC and who takes the courses listed below. Only courses with earned grades of C- or better will transfer. SCCC graduates who complete courses listed below with grades of C- or better; and who attain a combined grade point average (GPA) of 2.5 will be automatically admitted into the College of St. Rose's Information Technology program. This agreement will be reviewed at least once every two years. It can be renegotiated at the request of either institution, especially if there is substantial change in relevant curricula at either institution.

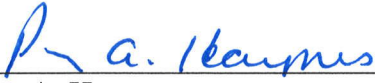
This agreement covers courses taken at SCCC only. If a student from SCCC has credits on her transcript from other 2-year or 4-year institutions, the published College of St. Rose rules for accepting transfer credit from those institutions will apply to those credits.

Signatures

Schenectady County Community College



Dr. Quintin Bullock
President



Dr. Penny A. Haynes
Vice President of Academic Affairs



Dr. Ruth McEvoy
Math, Science and Technology Department Chair

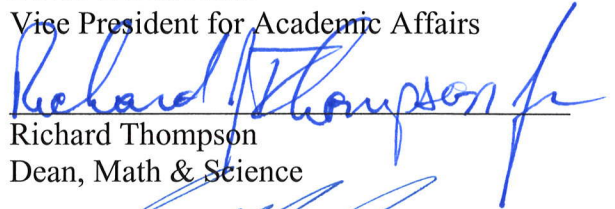
4/29/11

Date

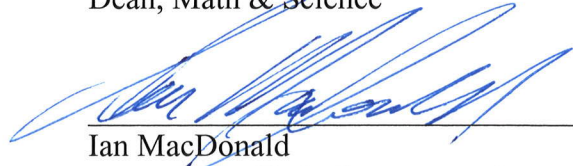
The College of St. Rose



David Szczerbacki
Vice President for Academic Affairs



Richard Thompson
Dean, Math & Science



Ian MacDonald
Department Chair, Computer Information Systems

5/6/11

Date

SCHENECTADY COUNTY COMMUNITY COLLEGE: COMPUTER SCIENCE A. S.
THE COLLEGE OF SAINT ROSE: COMPUTER SCIENCE B.S.

DEGREE REQUIREMENTS

SAINT ROSE REQUIREMENTS:

SCCC EQUIVALENCIES:

I. LIBERAL EDUCATION REQUIREMENTS (41 cr.):

L01: Expository Writing, Oral Com, Research Techniques (4 cr.)

ENG 105 (4)

ENG 123, English Composition (3) *Note 1*

L02: Study of Language (3 cr.)

Foreign Language, American Sign Language, Linguistics,
Or Philosophy of Language

Language Elective (3)

L03: Historical Knowledge, Analysis, and Perspective (3 cr.)

History

History Elective (3)

L04: Artistic Knowledge and Interpretation: Literature (4 cr.)

Literature

ENG 124, Introduction to Literature (3)

L05: Artistic Knowledge and Interpretation (3 cr.)

Art, Music, Communications, and Drama

Lib Ed Elective in ART, MUS **OR** DRA (3)

L06: Philosophical, Spiritual, or Theological Inquiry (3 cr.)

Philosophy or Religious Studies

REL 121, World Religions (3) **OR**
PHI141, Western Philosophers (3) **OR**
PHI 143, Philosophical Problems (3)

L07: Mathematics (3 cr.)

Mathematics

MAT 160, Discrete Structures (4)

L08: Computer Science (3 cr.)

Computers

CIS Elective (3)

L09: Scientific Knowledge and Inquiry (4 cr.)

Laboratory Science (Biology, Chemistry, Physics or Earth Science)

Science w/Lab Elective (4)

L10: Behavioral and Social Sciences 1 (3 cr.)

Economics, Political Science or Business

Lib Ed Elective in ECO, POL **OR** BUS (3)

L11: Behavioral and Social Sciences 2 (3 cr.)

Psychology, Sociology, and Social Work

PSY 121, Intro to Psychology **OR**
SOC 121, Sociology

L12: Wellness and Physical Fitness (2 cr.)

Physical Education

L13: Further Disciplinary Study (3 cr.)

A second liberal education course in a same
discipline as a previously taken course.

II. GENERAL ELECTIVES:

MINIMUM TOTAL HOURS REQUIRED: 122

MAXIMUM CREDIT HOURS TRANSFERABLE: 62 *Note 2*

III. MAJOR REQUIREMENTS (61cr.):

Major in Computer Science:

CSC 202 Introduction to Programming (4)
CSC 205 Windows Programming I (4)
CSC 252 Problem Solving with Java (4)
CSC 302 Data Structures (4)
CSC 321 Database Management (4)
CSC 332 Microcomputer Architecture and Programming (3)
CSC 431 Algorithms (3)
CSC 432 Operating Systems (3)
CSC 433 Programming Languages (3)
CSC 434 Software Engineering (3)
MAT 190 Calculus 1 (4)
MAT 191 Calculus 2 (4)
MAT 184 Elementary Statistics (4)
or
MAT 372 Introduction to Probability Theory (3)
MAT 220 Foundations of Mathematics (3)

or

MAT 295 Discrete Math (3)

CSC Electives from the following: (12 cr.)

CSC 305 Windows Programming 2 (4)
CSC 311 Computer Graphics (3)
CSC 317 Forensic Computing (3)
CSC 342 Artificial Intelligence (3)
CSC 344 Computer Networks (3)
CSC 355 Internet Programming 1 (3)
CSC 404 Animation and Rendering (3)
CSC 405 Computer Game Design (3)
CSC 414 Bioinformatics 1 (3)
CSC 415 Bioinformatics 2 (3)
CSC 444 Advanced Networking (3)
CSC 451 Embedded Systems 1 (3)
CSC 452 Embedded Systems 2 (3)
CSC 455 Internet Programming 2 (3)
CSC 453 Programming Mobile Devices (3)
CSC 460 Search and Information Retrieval (3)

SCCC Equivalencies:

CIS 134 C++/Unix (4) *Note 3*
CIS 133 Java (3) *Note 3*
CIS 246 Data Structures (4) *Note 3*
CIS 223 Database (3) *Note 3*
CIS 2__ Computer Organization (3)

MAT 180 Calculus 1 (4) *Note 4*
MAT 181 Calculus 2 (4) *Note 4*
MAT 147 Math Statistics *Note 4*

MAT 160 Discrete Structures (3)

CIS 240 Internetworking (3)
CIS 236 Web Programming (3)

CIS 237 Advanced Web Design (3)

Notes for Schenectady County Community College - The College of Saint Rose Computer Science B.S. Agreement:

1. ENG 123 College Composition at SCCC fulfills the writing, oral communication and research techniques requirement at The College of Saint Rose
2. 62 is the maximum number of credits allowed for transfer into The College of Saint Rose. All possible electives are listed in this agreement and the student, along with his/her advisor, should select the most appropriate courses to complete his/her degree at Schenectady County Community College while not unnecessarily exceeding the number of credits required for the A.S. degree.
3. CIS 134, 133, 246, and 223 at Schenectady County Community College, which transfer to The College of Saint Rose as CSC 202, 252, 302, and 321 respectively, are essential courses for the computer science program.
4. Students will benefit from taking as many math courses as possible as part of their program at Schenectady County Community College in preparation for the computer science program at The College of Saint Rose.
5. A letter grade of C- or higher in each course is required for transfer in The College of Saint Rose. Any completed coursework with a grade lower than C- will not be transferred.
6. This document is valid until the time which either party changes their respective program. At which point review/revision will be required.
7. The College of Saint Rose Transfer Equivalency Database and/or Catalog should be consulted to ensure that selected coursework will fulfill the appropriate Liberal Education Requirements as designated by the "LO" next to the course credits.
8. The Transfer Equivalency Database is the most current tool to utilize when determining the transferability of credits into The College of Saint Rose. The Transfer Equivalency Database can be accessed by visiting the link below:
<http://www.strose.edu/officesandresources/registrar/transferequivalency>