

REIBERT

Inver Hills Community College
and Metropolitan State University
Transfer Agreement Regarding the Computer Science Major at Metro State

This agreement has been entered into by Inver Hills Community College and Metropolitan State University for the benefit of students and prospective students at the two institutions. The purpose of the agreement is to ensure programs of high academic quality, to encourage student achievement, and to facilitate the transfer of course credits and a smooth transition from one related program to the other.

Done

Transfer Agreement

Students may apply a maximum of 28 semester credits from the following list of Inver Hills Community College semester courses toward major requirements for the Bachelor of Science in Computer Science offered by Metropolitan State University:

<u>Inver Hills Course</u>	<u>Metro State Requirement</u>
CS 1126 Java Programming (3 cr)	ICS 141 Programming with Object (4 cr)
CS 1122 Algorithms and Data Structures (4 cr)	ICS 240 Programming with Elementary Data Structures (4 cr)
CS 1112 Pascal Programming and Problem Solving (3 cr) <i>or</i> CS 114 Introduction to Programming in Visual Basic (3 cr) <i>or</i> CS 1119 Computer Programming with C++ (4 cr) <i>or</i> CS 1120 Introduction to Programming in C (3 cr) <i>or</i> CS 1103 Introduction to Programming with Basic (3 cr) <i>or</i> CS 1123 C++ Programming (2 cr)	Second programming language requirement
CS 1118 Discrete Structures of Computer Science (3 cr)	Math 215 Discrete Mathematics (4 cr)
MATH 1133 Calculus I (5 cr)	Math 210 Calculus I (4 cr)
MATH 1134 Calculus II (5 cr) <i>or</i> MATH 2219 Multivariable Calculus (5 cr) <i>or</i> MATH 2229 Introduction to Linear Algebra (5 cr) <i>or</i> MATH 2222 Introduction to Differential Equations (3 cr)	Math elective (4 cr); in addition, 4 credits from this group will also count toward general program electives

Students who complete the maximum number of Inver Hills courses counting toward the degree will need to complete 32 additional credits to fulfill all major requirements for the B.S. in computer science.

Students who complete the A.A. degree at Inver Hills Community College will fulfill Metro State's general education requirements. In addition to the remaining requirements for the major, students who wish to complete the B.S. in Computer Science must also complete 8 semester credits in upper-division liberal studies courses. The 120 semester-credit total required for the B.S. must include at least 40 upper-division semester credits; and at least 30 semester credits applied to the degree must be completed at Metropolitan State University.

Duration of Agreement

This agreement becomes effective beginning in the fall semester of 1998 and remains in effect until terminated by either party. It may be terminated or amended for succeeding academic years by either institution on or before June 30 of each year.

Persons Responsible/Evaluation

The Dean of the College of Arts and Sciences at Metropolitan State University and the Dean of Mathematics, Science and Academic Technology at Inver Hills Community College will be responsible for implementing this articulation agreement. Each institution will conduct an outcomes assessment, and the people responsible will meet regularly to review the agreements.

Metropolitan State University and Inver Hills Community College
Program Articulation Agreement
Computer Science

Metropolitan State University

Inver Hills Community College

Donner 10/15/98

President Date

Cheryl Strand 10/26/98

President Date

Paula Murray

Vice President for Academic and
Student Affairs

David J. Strand

Vice President of Academic Affairs

William Shaw

Dean, College of Arts and Sciences

Michael Bizone

Dean of Mathematics, Science, and
Academic Technology