

North Hennepin Community College  
and Metropolitan State University  
Cooperative Agreement Regarding the Computer Science Program at NHCC  
and the Computer Information Systems Major at Metro State

This agreement has been entered into by North Hennepin 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.

Program Articulation

Students who complete the North Hennepin Community College Associate of Science in Computer Science may apply 64 semester credits toward Metro State's 120-semester-credit graduation requirement, including up to 30 semester credits toward the 60-credit Bachelor of Arts in Computer Information Systems and up to 34 credits toward the 40-credit general education requirement. North Hennepin professional/technical courses will complete the following major requirements:

North Hennepin Community College

CSci 1130 Introduction to Computer  
Programming in Java  
CSci 2001 Structure of Computer Prog I  
CSci 2002 Structure of Computer Prog II  
  
CSci 1090 Visual Basic Programming or  
CSci 1110 Computer Programming in Pascal or  
CSci 1120 Programming in C Language  
CSci 2011 Discrete Mathematical Structures  
CSci 2020 Machine Architecture and  
Organization and/or  
Math 1221 Calculus I

Metropolitan State University Requirements

ICS 140 Programming Fundamentals  
ICS 141 Programming with Objects  
ICS 240 Programming with Elementary Data  
Structures  
Requirement for second programming language  
  
Math 215 Discrete Math  
Up to 6 credits of elective course work in the  
major

In addition, the foundation requirement of  
College Algebra will be waived for students who  
have completed CSci 2011.

Students who complete the A.S. in Computer Science will have met the following Metro State general education requirements: two courses in writing; one course in oral or visual communication; college algebra proficiency; one course in the humanities; one course in the social or behavioral sciences. Students may also use North Hennepin courses to meet the following additional requirements: a course in a second humanities discipline; a course in a second social or behavior sciences discipline; a course in natural science. Other general education courses completed at North Hennepin will count as general education electives. (It should be noted that students who choose to complete all of the Minnesota General Education Transfer Curriculum at North Hennepin will fulfill Metro State's general education requirement.) In addition to the credits required in the major

area and in general education, B.A. candidates must also complete 8 semester credits in upper-division liberal studies courses; one course meeting Metro State's U. S. cultural diversity requirement; and one course meeting Metro State's global understanding requirement. (The cultural diversity and global understanding requirements may be met by courses from either institution and by courses that also fulfill general education, liberal studies, or major requirements.) The 120 semester-credit total required for the B.A. must include at least 40 upper-division semester credits; at least 30 semester credits applied to the degree must be completed at Metropolitan State University.

Duration of Agreement

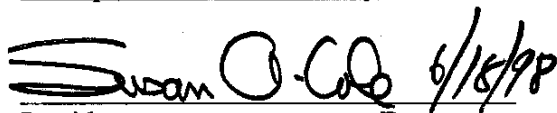
This agreement becomes effective beginning in the fall semester of 1998 and remains in effect until terminated by either party. It may be terminated or amended for succeeding academic years by either institution on or before June 30 of each year.


Persons Responsible/Evaluation

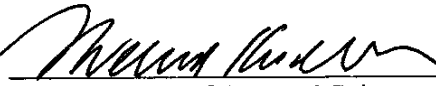
The Dean of the College of Arts and Sciences at Metropolitan State University and the Dean of Business and Technology at North Hennepin Community College will be responsible for implementing this articulation agreement. Each institution will conduct an outcomes assessment, and the people responsible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

Metropolitan State University and North Hennepin Community College  
Program Articulation Agreement  
Computer Information Systems

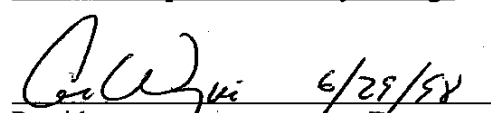
Metropolitan State University

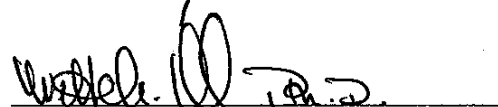
  
\_\_\_\_\_  
President Date 6/15/98

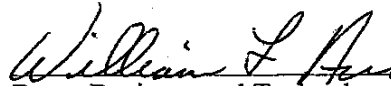
  
\_\_\_\_\_  
Vice President for Academic and Student Affairs

  
\_\_\_\_\_  
Dean, College of Arts and Sciences

North Hennepin Community College

  
\_\_\_\_\_  
President Date 6/29/98

  
\_\_\_\_\_  
Vice President of Academic and Student Affairs

  
\_\_\_\_\_  
Dean, Business and Technology