

**Minnesota State Colleges and Universities
Cooperative Agreement Regarding
The Bachelor of Science in Computer Science Degree
at Metropolitan State University and
The Associate of Science in Computer Science Degree
at St. Paul College, a Community and Technical College**

This agreement is entered into between Metropolitan State University and St. Paul College, a Community and Technical College for the purpose of facilitating the transfer of credits from St. Paul College to Metropolitan State for students desiring to earn a baccalaureate degree in Computer Science.

Program Articulation:

The following St. Paul College courses may be used to partially fulfill the requirements for the Metropolitan State University Computer Science degree plan as shown:

Metropolitan State University Requirements	Applicable St. Paul College Course(s)
ICS 140 Programming Fundamentals	Requirement waived upon successful completion of CSCI 1521 Structure of Programming 1
ICS 141 Programming with Objects	CSCI 1521 Structure of Programming 1 (4 cr)
ICS 240 Programming with Elementary Data Structures	CSCI 1522 Structure of Computer Programming 2 (4 cr)
Competence in C, C++ or C#	CSCI 1530 C Language Programming (4 cr) <i>or</i> CSCI 1531 C/C++ Programming 1 (4 cr) <i>or</i> CSCI 1532 C/C++ Programming 2 (4 cr)
Up to four credits of major elective	CSCI 1440 Networking Fundamentals (4 cr) <i>or</i> CSCI 1560 Object Oriented Analysis & Design (4 cr) <i>or</i> CSCI 2430 Information Systems Project Management (4 cr) <i>or</i> CSCI 2450 Advanced OOAD with UML and Rational Unified Process (4 cr) <i>or</i> CSCI 2460 Discrete Structures of Computer Science (4 cr) <i>or</i> CSCI 2570 Machine Architecture and Organization (4 cr) <i>or</i> CSCI 2580 Introduction to Numerical Computing (4 cr)
Math 210 Calculus I	Math 2751 Calculus 1 (5 cr)
Math 211 Calculus II	Math 2752 Calculus 2 (5 cr)

Students at St. Paul College may apply their general education courses toward Metropolitan State University's general education requirements.

Duration of the Agreement:

This agreement becomes effective immediately 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 and Evaluation of the Agreement:

The Dean of the College of Arts and Sciences at Metropolitan State University and the Vice President of Academic Affairs at St. Paul College, a Community and Technical College will be responsible for implementing this agreement and overseeing a regular evaluation of its outcomes.

Metropolitan State University

**St. Paul College, a Community and
Technical College**

_____ President	Date	_____ President	Date
_____ Provost and VP for Academic Affairs	Date	_____ Vice President of Academic Affairs	Date
_____ Dean, College of Arts and Sciences	Date	_____ Dean of Business	Date
_____ Chair, Department of Information and Computer Sciences	Date	_____ Chair, Dept of Computer Science	Date