

**Minnesota State Colleges and Universities
Metropolitan State University
St. Paul Technical College
Cooperative Agreement Regarding
The Bachelor of Arts in Computer Information Systems**

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

Program Articulation:

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

Metropolitan State University Requirements	Applicable St. Paul TC Course(s)
Math 115 College Algebra	Math 1730 College Algebra (4 cr)
One course in probability, statistics or calculus	Math 1740 Introduction to Statistics
ICS 140 Programming Fundamentals	CIST 1500 Structure of Computer Programming 1 (4 cr)
ICS 180 Java for Transfer Students	CIST 1531 Java Programming 1 (4 cr)
ICS 240 Programming with Elementary Data Structures	CIST 1505 Structure of Computer Programming 2 (4 cr)
ICS 225 Web Design and Implementation	CIST 1453 Web Development 1 - Client-Side (4 cr)
ICS 325 Internet Application Development	CIST 1455 Web Development 2 -- Server Side (4 cr)
Up to six credits of electives	CIST 1415 Systems Analysis and Design (4 cr) CIST 1440 Networking Fundamentals (4 cr) CIST 1463 XML Programming (4 cr) CIST 1464 PERL/CGI (4 cr) CIST 1555 Oracle Database Administration 2 (4 cr) CIST 1562 SQL Server Development 2 (4 cr) CIST SQL Server Administration 2 (4 cr) CIST 1585 Server Side Scripting (4 cr)

	CIST 2423 Novell Networking 3 (4 cr) CIST 2424 Novell Networking 4 (4 cr) CIST 2453 MS Windows Server Networking 3 (4 cr) CIST 2454 MS Windows Server Networking 4 (4 cr) CIST 2465 Linux Development (4 cr) CIST 2466 Linux Network and Integration Issues (4 cr) CIST 2521 WebMaster I (4 cr) CIST 2580 Information Systems Project Management (4 cr) GSDN 2521 Web Page Design 1 (4 cr)
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Students at St. Paul Technical 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 Dean of Academic Affairs at St. Paul Technical College will be responsible for implementing this agreement and overseeing a regular evaluation of its outcomes.

Metropolitan State University

St. Paul Technical College

President Date

President Date

Vice President for Academic Affairs Date

Vice President of Academic Affairs Date

Dean, College of Arts and Sciences Date

Dean of Business and General Education Date

Chair, Department of Information and
Computer Sciences Date

Chair, Department of Information and
Computer Sciences Date