

**Minnesota State Colleges and Universities  
 Metropolitan State University  
 Alexandria Technical College  
 Cooperative Agreement Regarding  
 the Computer Information Systems Major  
 and the Electronic Commerce Web Developer AAS**

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

**Program Articulation:**

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

<b>Metropolitan State University Requirements</b>	<b>Applicable Alexandria Technical College Course(s)</b>
ICS 140 Programming Fundamentals	COPR 1606 JAVA 1: Intro to Object-Oriented Programming (4 cr)
ICS 225 Web Design and Development	COPR 1623 Markup Languages and Scripts (4 cr) <i>and</i> CWEB 1536 Web Page Design Aesthetics I (4 cr)
Up to six credits of electives	COPR 2510 Systems Analysis and Design (4 cr) CCMC 1504 Basic Security (1 cr) EWEB 2610 Secure Transactions (Shopping Carts) (4 cr) EWEB 2611 Web Page Design Aesthetics II (3 cr)

In summary, a block of 16 technical college credits will be transferred to Metropolitan State. In addition, up to 18 credits from the list above will be transferred and applied to the requirements for the major in Computer Information Systems. Courses taken at Alexandria Technical College which meet the Minnesota Transfer Curriculum guidelines for general education requirements will also be transferred. Total credits transferred will not exceed total credits earned at Alexandria Technical College.

