

**TRANSFER AGREEMENT
BETWEEN
SCHOOL OF INFORMATION STUDIES AT UNIVERSITY OF WISCONSIN –
MILWAUKEE
AND
MILWAUKEE AREA TECHNICAL COLLEGE (MATC)**

Program to Program Articulation Agreement

MATC ASSOCIATE DEGREE:

CIS - Programmer/Analyst

SCHOOL OF INFORMATION STUDIES AT
UNIVERSITY OF WISCONSIN – MILWAUKEE:
(SOIS at UWM)

B.S. in Information Resources

RATIONALE:

The Computer Information Systems – Programmer/Analyst program is an associate degree program from MATC designed to prepare you to enter the job market as a computer programmer trainee or junior programmer.

SOIS at UWM offers a Bachelors of Science Degree in Information Resources (BSIR). This allows students to add upper-division Information Resources, Interdisciplinary/cross-functional, and Liberal Arts courses to their Associate's Degree. The cutting-edge Bachelor of Science in Information Resources (BSIR) provides students with a quality interdisciplinary and cross-functional education, giving them an understanding of how information is sought, organized, manipulated, repackaged, and applied in a variety of settings. Building on a general undergraduate education, the BSIR introduces issues related to information science, information architecture, human factors in information seeking and use, information storage and retrieval, and applications of the internet.

Students earning the **Computer Information Systems – Programmer/Analyst A.A.S. Degree** from MATC will be able to transfer the credits listed in Table 1 toward the Bachelor of Science in Information Resources (BSIR) in the School of Information Studies (SOIS) at University of Wisconsin – Milwaukee (UWM).

The BSIR program includes a total of 120 credits. These credits are distributed in the following areas:

- Area I: UWM Distribution Requirements -- General Education (21 credits)

- Area II: BSIR Core Courses (36 credits)
- Area III: BSIR Cross-functional Electives (15 credits)
- Area IV: General Electives, including Cognate Areas of Study (48 credits)

SOIS/UWM will accept the credits from MATC and apply them toward graduation with a BS degree in Information Resources. Table 1 details exact equivalencies for MATC and SOIS/UWM.

Table 1: Exact Course Equivalencies for MATC -- Programmer/Analyst and UWM/SOIS Bachelor of Science in Information Resources

MATC - Programmer/Analyst		CR	UWM/SOIS -- BSIR	CR
BSIR Area IV -- Elective/Cognate				
CIS-109	Computer Information Systems Fundamentals	3	Elective/Cognate	3
CIS-125	Visual Basic Programming	3	Elective/Cognate	3
CIS-130	Visual Basic Programming 2	3	Elective/Cognate	3
CIS-132	Operating Systems	3	Elective/Cognate	3
CIS-106	Programming in C	3	Elective/Cognate	3
CIS-107	Advanced Programming with C++ or CIS-141 or CIS 172	3	Elective/Cognate	3
CIS-117	Systems Analysis and Design	3	Elective/Cognate	3
CIS 150	Database Management With SQL	3	Elective/Cognate	3
CIS-134	Client/Server and E-Commerce Implementation	3	Elective/Cognate	3
CIS-195	Programmer Analyst Internship	2	Elective/Cognate	2
CIS-198	Integrated Project – Programmer /Analyst	29		29
Tech Courses				
ACCTG-110	Financial Accounting	3	Elective/Cognate	3
COMPSW-106	Introduction to MS Office	3	Elective/Cognate	3
RBUS-111	Business Communications	3	Elective/Cognate	3
		9		9
Elective -- Six (6) Required				
CIS-115	UNIX Basics	3	Elective/Cognate	3
CIS-126	Linux Basics	3	Elective/Cognate	3
CIS-151	Advanced SQL Programming	3	Elective/Cognate	3
PHYED-210	An Active Approach to Wellness and Fitness	3	Elective/Cognate*	3
		6		6
MATH-145	Mathematics for Computer Science	2	Elective/Cognate	2
		2		2
				TOTAL Area IV
				46
BSIR Area III -- Cross-Functional Elective				
PSYCH-199	Psychology of Human Relations or any 200-series PSYCH	3	(Philosophy/Psychology)	3
				TOTAL Area III
				3
BSIR Area II -- Core				
CIS-105	Data Communications or CIS 143 Network Communications	3	250 Area II BSIR Core	3
				TOTAL Area II
				3
BSIR Area II -- Core				
CIS-143	Network Communications (Network+)Fundamentals	3	BSIR Area II -- 250	3
				TOTAL Area II
				3

* Or HUM KIN (2 CR) AND SPT&REC (1 CR)

**** Note for General Education Courses**

- For latest update and additional information about UWM General Education Courses (UWM Distribution Courses) transfer equivalency visit <http://www.uwsa.edu/tis/>. This site includes UWM's accepted transferable General Education courses.
- PSYCH-199 Psychology of Human Relations or any 200-series PSYCH from this area will be transferred in the BSIR Area III – Cross- Functional Elective (Philosophy/Psychology). All accepted transferable 200-series PSYCH Courses are listed on <http://www.uwsa.edu/tis/>
- MATH-145 Mathematics for Computer Science will be transferred in the BSIR Area IV Elective/Cognate.
- NATSCI 150 = no transfer.
- ENG 151 = no transfer.
- ENG 152 = no transfer, 201 = UWM 101, other 200-level ENG and SPEECH 200 level visit <http://www.uwsa.edu/tis/>.
- ECON 195 = UWM 100 (SS), 201 = UWM 103 (SS), 202 = UWM 104 (SS).
- SOCSCI 197 = elective (SS), 200 level visit <http://www.uwsa.edu/tis/>.

All courses transferring from MATC with an equivalent course at SOIS/UWM must transfer in with at least a “C” grade.

This agreement is approved under the guidelines of the UW System transfer policy that limits the number of credits transferable from a two-year college to 72.

The UW-Milwaukee baccalaureate candidate must also meet the General Education Requirements and Cultural Diversity Requirement of the University.

Program-to-program transfer courses/credits are accepted only for the program/degree specified in this agreement. A change of major/degree/program invalidates these courses/credits for transfer unless they are approved within some other Program-to-Program Articulation Agreement for a different major/degree/program at UW-Milwaukee.

Credits beyond the ones listed in Table 1 will be analyzed at the time the student starts the admissions process to see how they apply.

This agreement is effective as of April 30, 2004, and will remain in effect until either of the official representatives of Milwaukee Technical Area College or the School of Information Studies/University of Wisconsin – Milwaukee indicates in writing that the agreement is nullified. Equivalencies specified in this document are accurate as of April 30, 2004, and subject to change in the event that the course curricula of either institution undergo revision. In the event of curriculum revision the school initiating the change has the responsibility to notify the other contracting institution.

Signatures:

_____ Date _____
Robert Greenstreet

Interim Chancellor
University of Wisconsin – Milwaukee

_____ Date _____

John Wanat
Provost & Vice Chancellor
University of Wisconsin – Milwaukee

_____ Date _____

Thomas Walker
Interim Dean, School of Information Studies
University of Wisconsin – Milwaukee

_____ Date _____

Alex Koohang
Director of Undergraduate Program
School of Information Studies
University of Wisconsin – Milwaukee

_____ Date _____
Darnell Cole
President
Milwaukee Area Technical College

_____ Date _____

Luis A. Baez
Vice President for Academic Affairs
Milwaukee Area Technical College

_____ Date _____

Michael Walsh
Dean
Milwaukee Area Technical College