

**TRANSFER AGREEMENT
BETWEEN
SCHOOL OF INFORMATION STUDIES AT UNIVERSITY OF WISCONSIN –
MILWAUKEE
AND
FOX VALLEY TECHNICAL COLLEGE (FVTC)**

Program to Program Articulation Agreement

FVTC ASSOCIATE DEGREE:

CIS Programmer/Analyst

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

B.S. in Information Resources

RATIONALE:

The FVTC CIS Programmer/analysts typically develop computer applications for a business. They may be asked to analyze a business problem or need and then design and write program instructions to tell the computer how to address it. For example, an application program may tell the computer to produce a company's payroll checks, bill customers or keep track of inventory. Duties may vary according to the type of computers and software used by the employer. Some programmer/analysts work exclusively with PC software and hardware, while others develop large-scale, mid-range and/or mainframe applications. Many develop applications that share data across all three computer platforms.

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 **CIS Programmer/Analyst – Associate Degree** from FVTC 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 FVTC and apply them toward graduation with a BS degree in Information Resources. Table 1 details exact equivalencies for FVTC and SOIS/UWM.

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

Occupational Specific (35-37 Credits)

No.	Course Title	CR		CR
All students complete:				
10-107-100	Computer Concepts and Careers	3	BSIR Cognate/Elective	3
10-107-146	Visual BASIC, Introduction	3	BSIR Cognate/Elective	3
10-107-150	Microcomputer Applications	2	BSIR Cognate/Elective	2
10-107-158	Systems Analysis	3	BSIR Cognate/Elective	3
10-107-160	Database Fundamentals	2	BSIR Cognate/Elective	2
10-150-100	Data Communications	2	BSIR Cognate/Elective	2
Students select two of the following course clusters:				
Web Development				
10-152-120	Web Development I (HTML)	2	BSIR Cognate/Elective	2
10-152-121	Web Development II (SCRIPTING)	3	BSIR Cognate/Elective	3
10-152-122	Web Development III (XML)	3	BSIR Cognate/Elective	3
10-152-130	Web Site Administration	2	BSIR Cognate/Elective	2
Mainframe Programming				
10-107-151	Operating Systems and Data Management/MVS	2	BSIR Cognate/Elective	2
10-107-152	Computer Programming COBOL 1	3	BSIR Cognate/Elective	3
10-107-180	Computer Programming COBOL 2 Using CICS/VS	4	BSIR Cognate/Elective	4
10-107-162	Structured Query Language	2	BSIR Cognate/Elective	2
Midrange Programming				

10-107-174	Midrange Concepts	3	BSIR Cognate/Elective	3
10-107-162	Structured Query Language	2	BSIR Cognate/Elective	2
10-107-168	Computer Programming RPG	3	BSIR Cognate/Elective	3
10-107-112	Control Language Programming (CL)	2	BSIR Cognate/Elective	2
10-107-161	RPG Programming, Advanced	2	BSIR Cognate/Elective	2
PC Programming				
10-107-108	Visual BASIC Intermediate	3	BSIR Cognate/Elective	3
10-107-106	Computer Programming C++	3	BSIR Cognate/Elective	3
10-107-162	Structured Query Language	2	BSIR Cognate/Elective	2
10-107-148	Visual BASIC Advanced	2	BSIR Cognate/Elective	2
10-107-167	Database Servers	2	BSIR Cognate/Elective	2
Database Specialist				
10-107-162	Structured Query Language	2	BSIR Cognate/Elective	2
10-107-167	Database Servers	2	BSIR Cognate/Elective	2
10-107-175	Database Design	3	BSIR Cognate/Elective	3
10-107-131	Oracle Database Administration	3	BSIR Cognate/Elective	3

Occupational Supportive (11 Credits)

No.	Course Title	CR		CR
10-107-110	Career Skills for IT Professionals	2	BSIR Cognate/Elective	2
10-804-108	Business Math	3	NO	3
10-804-109	Algebra	2	NO	2
10-101-120	Accounting Concepts	4	BSIR Cognate/Elective	4

General Education (15 Credits)

No.	Course Title	CR		CR
10-801-195	Written Communication	3	UWM ENG Elective	3
10-801-196	Oral/Interpersonal Communication	3	UWM Social Science	3
10-809-199	Psychology of Human Relations	3	UWM Social Science	3
10-809-195	Economics	3	UWM ECON 100	3
10-809-197	Contemporary American Society	3	UWM Social Science	3

Electives (6 Credits)

If not among the transferred courses, they will be evaluated at the time of transfer

All courses transferring from FVTC 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 March 30, 2005, and will remain in effect until either of the official representatives of Fox Valley Technical 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 March 30, 2005, 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 _____
Carlos Santiago
Chancellor
University of Wisconsin – Milwaukee

_____ Date _____
David L. Buettner
President
Fox Valley Technical College

_____ Date _____
Rita Cheng
Interim Provost & Vice Chancellor
University of Wisconsin – Milwaukee

_____ Date _____
Susan A. May
Vice President – Instructional Services
Fox Valley Technical College

_____ 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