

MINNESOTA STATE COLLEGES AND
UNIVERSITIES*
ARTICULATION AGREEMENT
BETWEEN

MINNEAPOLIS COMMUNITY & TECHNICAL
COLLEGE (MCTC) AND
SAINT MARY'S UNIVERSITY OF MINNESOTA
SCHOOLS OF GRADUATE AND PROFESSIONAL
PROGRAMS

*The Board of Trustees of the Minnesota State Colleges and Universities is authorized by Minnesota Statutes, Chapter 136F to enter into Agreements and has delegated this authority to colleges and universities.

This Agreement is entered into between MINNEAPOLIS COMMUNITY & TECHNICAL COLLEGE (MCTC) (hereinafter sending institution), and SAINT MARY'S UNIVERSITY OF MINNESOTA SCHOOLS OF GRADUATE AND PROFESSIONAL PROGRAMS (SMUMN) (hereinafter receiving institution). This Agreement and any amendments and supplements, shall be interpreted pursuant to the laws of the State of Minnesota.

The sending institution has established an **A.A.S. Software Development** (hereinafter sending program), and the receiving institution has established a **B.S. in Information Technology** (hereinafter receiving program), and will facilitate credit transfer and provide a smooth transition from one related program to another. It is mutually agreed:

Admission and Graduation Requirements

- A. The receiving institution's admission and program admission requirements apply to both direct entry students and to students who transfer under this agreement.
- B. Students must fulfill the graduation requirements at both institutions.
- C. Students must complete the entire sending program and meet the receiving institution's admission requirements for the agreement to apply, including grade requirements for courses and an overall GPA requirement.

Transfer of Credits

- A. The receiving institution will accept **60 credits** from the sending program. A total of **62 credits** remain to complete the receiving program (**45 of these remaining credits need to be completed at Saint Mary's University**).
- B. Courses will transfer as described in the attached Program Articulation Table. For system institutions, once the courses are encoded, they will transfer as described in the "*Transferology*" audit.

Implementation and Review

- A. The Chief Academic Officers or designees of the parties to this agreement will implement the terms of this agreement, including identifying and incorporating any changes into subsequent agreements, assuring compliance with system policy, procedure and guidelines, and conducting a periodic review of this agreement.
- B. This Articulation Agreement is effective on **05/01/2019** and shall remain in effect until the end date of **05/01/2024** or for five years, whichever occurs first, unless terminated or amended by either party with 90 days prior written notice.
- C. The college and university shall work with students to resolve the transfer of courses should changes to either program occur while the agreement is in effect.
- D. This Articulation Agreement will be reviewed by both parties beginning **12/01/2023** (within six months of the end date).
- E. When a student notifies the receiving institution of their intent to follow this agreement, the receiving institution will encode course waivers and substitutions.

PROGRAM ARTICULATION TABLE

Check if the sending program ___ or receiving program ___ is new.

	College (sending)	University (receiving)
Institution	Minneapolis Community & Technical College	Saint Mary's University of Minnesota
Program name	Software Development	Information Technology
Award Type (e.g., AS)	A.A.S.	B.S.
Credit Length	60	122
CIP code (6-digit)	11.0201	11.0103
Describe program admission requirements (if any)		An official transcript issued to Saint Mary's University with a minimum of 30 semester credits including an English Composition course.

Instructions

- List all required courses in both academic programs.
- MnTC goal areas transfer to the receiving institution according to the goal areas designated by the sending institution.
- Do not indicate a goal area for general education courses that are not part of the MnTC.
- For restricted or unrestricted electives, list number of credits.
- Credits applied: the receiving institution course credit amount may be more or less than the sending institution credit amount. Enter the number of credits that the receiving institution will apply toward degree completion.
- Show equivalent university-college courses on the same row to ensure accurate DARS encoding.
- Equiv/Sub/Wav column: If a course is to be encoded as equivalent, enter Equiv. If a course is to be accepted by the university as a "substitution" only for the purposes of this agreement, enter Sub. If a course requirement is waived by the receiving institution, enter Wav. If a course is to be accepted by the university as a MnTC goal area, restricted elective or unrestricted elective, leave the cell blank.

(To add rows, place cursor outside of the end of a row and press enter.)

SECTION A - Minnesota Transfer Curriculum-General Education

College (sending)			University (receiving)			
course prefix, number and name	Goal(s) ¹	Credits	course prefix, number and name	Goal(s) ¹	Credits Applied	Equiv Sub Wav
Minnesota Transfer Curriculum-General Education						
Any CMST course that meets Goal 1	1	3	Oral Communication		3	Sub
ENGL1110-College Composition OR ENGA1110-College Composition	1	3	Written Communication		3	Sub
ENGL1111-Research and Composition for Change	1	3	Written Communication		3	Sub
INFS1000 – Information Literacy and Research	2	2	Information Literacy, Creative Problem Solving, Interdisciplinary Learning		3	Sub
Any courses from MnTC Goal Area 7, 8, 9, or 10	7 - 10	3	(Depends on which MnTC goal area)		3	Sub
Course from any of the MnTC Goal Areas	1-10	1	(Depends on which MnTC goal area)		3	Sub
MnTC/General Education Total		15				

¹ MnTC goal areas transfer to the receiving MnSCU college/university according to the goal areas designated by the sending college/university

Special Notes, if any: Saint Mary's University will transfer college-level general education courses completed at MnTC community and technical colleges (grades of "C" or better).

SECTION B - Major, Emphasis, Restricted and Unrestricted Electives or Other

Major, Emphasis, Restricted, Unrestricted Electives or Other Courses				
ITEC1005 – Preparing for IT	1	Unrestricted electives	1	
ITEC1100 – Information Technology Concepts	2	Unrestricted electives	2	
ITEC1110 – Information Technology Skills	2	Unrestricted electives	2	
ITEC1150 – Programming Logic and Design	3	Unrestricted electives	3	
ITEC1250 – Microsoft Windows Operating Systems	3	Unrestricted electives	3	
ITEC1425 – Data Communications	4	Unrestricted electives	4	
ITEC1375 – Database Design and Implementation OR ITEC1460 – SQL Server Database Design and Implementation OR ITEC 1465 MySQL Database Design and Implementation	4	ITEC1375 substitute for IT303-Data and Database Management Systems	4	Equiv
ITEC2425 – Infotech Project Management OR ITEC2775 – Systems Analysis and Design	4	ITEC2425 substitute for MG408-Project Management	4	Equiv
Any TWO of the following courses:	12		12	
ITEC2415 – Apple Mobile Programming		Unrestricted electives		
ITEC2417 – Android Mobile Programming		Unrestricted electives		
ITEC2455 – Visual Basic .NET Programming		Unrestricted electives		
ITEC2505 – Visual C# .NET Programming		Unrestricted electives		
ITEC2545 – JAVA Programming		Unrestricted electives		
ITEC2560 – Web Client and Server Programming		Unrestricted electives		
ITEC2905 – Software Development Capstone	4	Unrestricted electives	4	
ITEC2950 – Information Technology Career Preparation	2	Unrestricted electives	2	
Any ITEC courses not already required for the program	4	Unrestricted electives	4	
Unrestricted elective credits (if none enter 0)	0	College's unrestricted elective credits accepted in transfer (if none enter 0)	0	
Major, Emphasis, Unrestricted Electives Total	45	Total College Credits Applied (sum of sections A and B)	60	

SECTION C - Remaining University (receiving) Requirements

	course prefix, number and name	Credits
	Required Communications Courses	
	COM309-Professional Writing	3
	COM310-Oral Communications	3
	Required Information Technology Courses	
	IT301 – Information Technology Perspectives	3
	*IT303 – Data and Database Management Systems	3
	IT305 – Enterprise Architecture Fundamentals	3
	IT309 – Information Ethics	3
	IT312 – Emerging Trends in Business Technology	3
	IT415 – Mobile, Network, and Communication Technologies	3
	IT432 – Advanced Information Security Tools and Methods	3
	IT440 – Business Intelligence Fundamentals	3
	IT457 – Cloud Computing Fundamentals	3
	Required Business and Management Courses	
	*MG408 – Project Management	3
	MG412 – Critical Thinking for Organizational Leaders	3
	Required Capstone Course	
	IT490 – Bachelors Completion Capstone	3
	Required MAJOR Electives (See Catalog for options)	3
	TOTAL CORE PROGRAM COURSE CREDITS	45
	Unrestricted electives: Students will meet with a Saint Mary's advisor to determine the elective courses needed for the program.	17
	*Total Remaining Credits	62

Special Notes, if any: *If ITEC2425 is completed, then MG408 is replaced with an additional SMU elective course. If ITEC1375 is completed, then IT303 is replaced with an additional SMU elective course.

SECTION D - Summary of Total Program Credits

College (sending) Credits		University (receiving) Requirements	
MnTC/General Education	15		
Major, Emphasis, Unrestricted Electives or Other	45		
Total College Credits	60	Total College Credits Applied	60
		*Remaining credit to be taken at the university (receiving institution)	62
		Total Program Credits	122

Special Notes: *A minimum of 30 semester credits transferrable to Saint Mary's University (to include an English composition course) are required for admission to the Information Technology program. Saint Mary's University (SMU) requires that students complete a minimum of 45 semester credits at SMU (SMU's minimum residency requirement for the program), and 122 credits total, to earn the Bachelor of Science in Information Technology degree. The remaining 77 credits can be completed at Minneapolis Community & Technical College (MCTC). Credit for prior learning, military training, and standardized exams such as CLEP and DSST can also count toward fulfilling the 77 non-SMU credit requirement. Courses completed at colleges and universities other than MCTC are also considered for credit transfer into SMU.

College	Name	Signature	Date
Chief Academic Officer	Gail O'Kane	<i>Gail O'Kane</i>	
Dean	Ben Weng	<i>Ben Weng</i> 翁邦	4/17/2019
Faculty	Andy Chrastek	<i>Andy Chrastek</i>	4/17/2019
University	Name	Signature	Date
Vice President of the Schools of Graduate and Professional Programs	Robert Smith, FSC, Ph.D.	<i>Bro Robert Smith</i>	4-29-19
DARS Encoder			
Date when equivalencies were verified/encoded in DARS by the receiving MnSCU institution.			