

<b>MINNESOTA STATE COLLEGES AND UNIVERSITIES*</b> <b>ARTICULATION AGREEMENT BETWEEN</b>	<b>St. Cloud Technical and Community College AND The College of St. Scholastica</b>
<small>*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.</small>	

This Agreement is entered into between **St. Cloud Technical and Community College** (hereinafter sending institution), and **The College of St. Scholastica** (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 a **Computer Programmer A.A.S. degree** (hereinafter sending program), and the receiving institution has established a **Computer Information Systems B.A. degree** (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 71 credits from the sending program. A total of 57 credits remain to complete the receiving program.
- 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 05/01/2018 and shall remain in effect until the end date of 05/01/2021 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 11/01/2020 (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.

<b>PROGRAM ARTICULATION TABLE</b>		
Check if the sending program ___ or receiving program ___ is new.		
	<b>College (sending)</b>	<b>University (receiving)</b>

Institution	St. Cloud Technical and Community College	The College of St. Scholastica
Program name	Computer Programmer	Computer Information Systems
Award Type (e.g., AS)	AAS	BA
Credit Length	71	128
CIP code (6-digit)	11.0201	11.0101
Describe program admission requirements (if any)		Cumulative GPA of at least a 2.0 for admission to the college.

### 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 Transferology 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) <sup>1</sup>	Credits	course prefix, number and name	Goal(s) <sup>1</sup>	Credits Applied	Equiv Sub Wav
<i>Minnesota Transfer Curriculum-General Education</i>						
ENGL 1302 Analytical Writing	1	4	First Year Composition Foundations Gen Ed Requirement		4	Sub
CMST 1320 Into to Communication Studies	1	3	Interpersonal Communication Foundations Gen Ed Requirement		3	Sub
MATH 1300 College Algebra	4	3	MTH 1111 College Algebra fulfills Math Foundations General Education requirement		3	Equiv
MnTC Goal Area 6 Humanities: PHIL 1360 Comparative World Religions	6	3	Fulfills Religious Studies Requirement- Conceptions Lower Level		3	
MnTC Goal Area 5 Social Sciences	5	3	TBD at time of transfer		3	
<b>MnTC/General Education Total</b>		<b>16</b>				

#### Special Notes, if any:

In the goal 1 area, a combination of ENGL 1308 Stretch Analytical Writing (3 cr) and ENGL 1309 Stretch Analytical Writing II (3 cr) will also fulfill the First Year Composition requirement for The College of St. Scholastica

Students should select MnTC courses as noted above to meet some of the general education categories for the College of St. Scholastica's General Education program referred to as Veritas. The Veritas requirements for transfer students are noted below.

*Foundations courses:* First Year Composition, Interpersonal Communication, Math  
*Pathways areas (Conceptions or Integrations level courses):* Natural Science, History, Social Sciences, Literature, Fine Arts, Philosophy, Religious Studies (conceptions level course), and Open Pathway

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

The Veritas general education requirements include a mix of Conceptions courses (typically lower division 1000-2000 level) and Integrations courses (upper division 3000-4000 level). Integrations courses must be completed at the College of St. Scholastica and are intended to be writing intensive. Students may transfer in much of the coursework for Veritas, however, they must complete two Integrations courses (8 credits) at the College of St. Scholastica. The Computer Information Systems BA curriculum includes one Integrations course – MGT 3150 which fulfills the Open Pathway. Students will need to complete one additional 4 credit Integrations course at the College of St. Scholastica. Most of the remaining Veritas General Education requirements can be met with approved transfer courses. General Education transfer information is available in the course notes area on the Transferology website at [www.transferology.com](http://www.transferology.com).

While the College of St. Scholastica does not require the completed Minnesota Transfer Curriculum (MnTC) for admission, St. Scholastica does accept the MnTC to fulfill the Veritas General Education requirements except for a conceptions level religious studies course and one St. Scholastica Integrations course. The religious studies requirement may be fulfilled by PHIL 1360 Comparative World Religions. Integrations may be fulfilled by MGT 3150 in the Computer Information Systems BA curriculum. Students are encouraged to consult with a CSS advisor to discuss the best options for satisfying the St. Scholastica Veritas General Education requirements.

Grades earned must be a C or better in each course for transfer. For an evaluation of transfer credit an official transcript must be sent directly to The College of St. Scholastica.

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

(pre-requisite courses, required core courses, required courses in an emphasis, or electives (restricted or general) within the major). Restricted electives (in Major) fulfill a specific requirement within a major. Example A: "Choose two of the following three courses." Example B: A Biology degree may require 40 science credits (20 credits of required courses + 20 credits of listed related courses, such as botany, genetics, sociobiology, etc. which students can select)

Major, Emphasis, Restricted, Unrestricted Electives or Other Courses				
CMSC 1203 Structured Programming Logic	3	CIS 1001 Computer Science Principles	3	Equiv
CMSC 2206 Python Programming	3	CIS 2011 Computer Architectures	3	Equiv
CMSC 1225 Java Language I	3	CIS 2085 Programming I with Java	3	Equiv
CMSC 2266 Java Language II	3	CIS 2087 Programming II with Java	3	Equiv
CMSC 1206 Basic Networking Security	3	Custom Concentration Course CIS 2777: CMSC 1206 Basic Networking Security	3	Sub
CMSC 1217 Data Analytics	3	Custom Concentration Course CIS 2777: CMSC 1217 Data Analytics	3	Sub
CMSC 1255 PHP	3	Custom Concentration Course CIS 2777: CMSC 1255 PHP	3	Sub
CMSC 2203 C# Programming	3	Custom Concentration Course CIS 3777: CMSC 2203 C# Programming	3	Sub
CMSC 2204 Mobile Device Programming/Connectivity	3	Custom Concentration Course CIS 3777: CMSC 2204 Mobile Device Programming	3	Sub
CMSC 2220 Cryptography	3	Custom Concentration Course CIS 3777: CMSC 2220 Cryptography	3	Sub
CMSC 2240 Advanced C# Programming	3	Custom Concentration Course CIS 3777: CMSC 2240 Advanced C# Programming	3	Sub
CMSC 2268 Network Programming	3	Custom Concentration Course CIS 3777: CMSC 2268 Network Programming	3	Sub
CMSC 1212 Web Markup Language	3	General Elective	3	
CMSC 1228 Single-Page Web Apps	3	General Elective	3	
CMSC 1216 Database Modeling I	3	General Elective	3	
CMSC 2201 Database Modeling II	3	General Elective	3	
CMSC 2205 Internship	3	General Elective	3	
CMSC 2279 Systems Analysis and Design	3	General Elective	3	
BUSM 1290 Job Seeking/Keeping Skills	1	General Elective	1	
<b>Major, Emphasis, Unrestricted Electives Total</b>	<b>55</b>	<b>Total College Credits Applied (sum of sections A and B)</b>	<b>55</b>	

### SECTION C - Remaining University (receiving) Requirements

course prefix, number and name	Credits
CIS 3107 Database Modeling	4
CIS 3108 Systems Analysis and Design	4
CIS 4108 Project Management	2
CIS 4109 Capstone Project	4
CIS 4555 Systems Development Internship (4-16 cr)	4
MGT 3150 Management Communications (fulfills major)	4

	requirement and can also be applied toward the upper division integration credit requirement)		
	*Social Sciences general education course	One course must be an approved upper division integrations course	4
	*History general education course		4
	*Science general education course		4
	*Literature general education course		4
	*Fine Arts general education course		4
	*Philosophy general education course		4
	Religious Studies general education course – Fulfilled by PHIL 3360 Comparative World Religions if transferred from SCTCC (See section A - MnTC Goal 6)		(4)
Unrestricted elective credits (One course must be taken at the upper division level) Please note that if the CIS 4555 Internship course is completed for more than 4 credits the unrestricted general elective credits should be adjusted accordingly.		11	
<b>Total Remaining University Credits<sup>2</sup></b>		<b>57</b>	

**Special Notes, if any:**

\*See section A notes for additional general education transfer information.

**B.S. Degree Requirements:**




- Minimum 128 semester credits earned
- Minimum 42 upper division credits (at or above the 3000 level)
- Last 32 credits taken at The College of St. Scholastica, 16 credits in the major
- Complete the requirements for general education and your major
- Meet all GPA requirements for the major
- Maximum number of Physical Education credits that can count toward graduation is 8

**SECTION D - Summary of Total Program Credits**

College (sending) Credits		University (receiving) Requirements	
MnTC/General Education	16		
Major, Emphasis, Unrestricted Electives or Other	55		
<b>Total College Credits</b>	<b>71</b>	<b>Total College Credits Applied</b>	<b>71</b>
		<b>Remaining credit to be taken at the university (receiving institution)</b>	<b>57</b>
		<b>Total Program Credits</b>	<b>128</b>

**Special Notes, if any:**

<sup>2</sup> At least 42 of the required credits for the baccalaureate degree shall be at the upper-division level. If a lower division course is shown as equivalent to an upper division course, check with the university to determine if it will count toward the 42 required credits of upper division.

College	Name	Signature	Date
Vice President of Academic Affairs	Carolyn Olson		6/13/18
University	Name	Signature	Date
President	Dr. Colette Geary		6/4/2018
Academic Dean	Dr. Brandon Olson		6/5/2018
Transferology Encoder			

Date when equivalencies were verified/encoded in Transferology by the receiving institution.