

**MINNESOTA STATE COLLEGES AND
UNIVERSITIES*
ARTICULATION AGREEMENT
BETWEEN**

**ALEXANDRIA TECHNICAL AND COMMUNITY
COLLEGE
AND
THE COLLEGE OF ST. SCHOLASTICA**

*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 **Alexandria Technical and Community College, 1601 Jefferson St, Alexandria, MN 56308**, (hereinafter sending institution), and **The College of St. Scholastica, 1200 Kenwood Avenue, Duluth, MN 55811**, (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 **Associate of Applied Science (AAS) in Cybersecurity, Virtualization, & Networking** (hereinafter sending program), and the receiving institution has established a **Bachelor of Arts (BA) in Computer Information Systems with a Custom Concentration** (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.

Transfer of Credits

- A. The receiving institution will accept 60 credits from the sending program. A total of 68 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 04/01/2018 and shall remain in effect until the end date of 04/01/2023 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 11/01/2022 (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						
College (sending)			University (receiving)			
Institution	Alexandria Technical and Community College		The College of St. Scholastica			
Program name	Cybersecurity, Virtualization, & Networking		Computer Information Systems with Custom Concentration			
Award Type (e.g., AS)	AAS		BA			
Credit Length	60		128			
CIP code (6-digit)	11.0901		11.0101			
Describe program admission requirements (if any)			Cumulative GPA of at least a 2.0 for admission to the college.			
Instructions						
<ul style="list-style-type: none"> 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. 						
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						
ENGL 1460 Technical Writing	1,2	3	General Elective		3	Sub
PHIL 1410 Technology Ethics	9	3	Philosophy – Conceptions course		3	Sub
Additional MN Transfer Curriculum Courses to be completed at sending institution ENGL 1410 Composition I ENGL 1420 Composition II COMM 1435 Interpersonal Communication	1	9	ENGL 1410 will transfer as general elective credit.			Sub
			ENLG 1420 fulfills the First Year Composition Foundations requirement.		9	Sub
			COMM 1435 fulfills CTA 1101 Interpersonal Communication Foundations requirement			Equiv
MnTC/General Education Total		15				
Special Notes, if any:						
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.						

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

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

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.

CIS 1001 Computer Science Principles taken for the major will fulfill a requirement for the major as well as the Veritas Math Foundations requirement. 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.

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 an approved transfer course. 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.

Please note that students admitted as first-year students must also complete the Dignitas requirement.

Grades earned must be a C or better 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: "Chose 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				
CVNP1601 Linux Administration	3	CIS 3777 Topics: CVNP1601 Linux Administration Can be applied toward the Custom Concentration	3	Equiv
CVNP1603 Cisco 1	3	General elective (unrestricted)	3	Sub
CVNP1606 Supporting Windows Operating Systems	3	General elective (unrestricted)	3	Sub
COMM1439 Job Seeking/Keeping Skills	1	General elective (unrestricted)	1	Sub
CVNP1612 Cisco 2	4	General elective (unrestricted)	4	Sub
CVNP1620 Enterprise Operating System 1	4	CIS 3777: CVNP1620 Enterprise Operating System 1 Can be applied toward the Custom Concentration	4	Equiv
CVNP2639 Scripting & Command Line	3	CIS 3777 Topics: CVNP2639 Scripting & Command Line Can be applied toward the Custom Concentration	3	Equiv
CVNP2601 Virtual Computing	3	CIS 2011 Computer Architectures	6	Sub
CVNP2626 Computer Hardware	3			
CVNP2613 Network Security 1	4	CIS 3777: CVNP2613 Network Security 1 Can be applied toward the Custom Concentration	4	Equiv
CVNP2606 Cisco 3	4	General elective (unrestricted)	4	Sub
CVNP2616 Cisco 4	3	CIS 3777: CVNP2616 Cisco 4 Can be applied toward the Custom Concentration	3	Equiv
CVNP2623 Network Security 2	4	CIS 3777: CVNP2623 Network Security 2 Can be applied toward the Custom Concentration	4	Equiv
CVNP2603 Adv Network Op Systems	3	CIS 3777 Topics: CVNP2603 Adv Network Op Systems Can be applied toward the Custom Concentration	3	Equiv
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	
CIS 1001 Computer Science Principles* (required for major; also fulfills Veritas Math Foundations gen ed requirement)	4	
CIS 2085 Programming I with Java*	4	
CIS 2087 Programming II with Java	4	
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 requirement and can also be applied toward the upper division Integration credit requirement)	4	
Social Science*	Students should complete an approved upper division Integrations course to fulfill one of these general education categories	4
Literature*		4
Natural Science*		4
History*		4
Fine Arts*		4
Religious Studies	4	
University unrestricted elective credits not counted elsewhere	10	
Total Remaining University Credits²	68	

Special Notes, if any:

*The CIS 1001 and CIS 2085 requirements can be met with score of 4 or 5 on the AP exams noted below.

Computer Science Principles Advanced Placement (AP) exam will fulfill CIS 1001 Computer Science Principles (must have score of 4 or 5)

Computer Science A AP exam will fulfill CIS 2085 Programming I with Java (must have score of 4 or 5)

*The College of St. Scholastica accepts the Minnesota Transfer Curriculum (MnTC) as satisfying the Veritas general education requirements except for the religious studies requirement and one Veritas Integrations course. The religious studies requirement can be met with an approved transfer course.

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 PED credits that can count toward graduation is 8

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)	68
		Total Program Credits	128

Special Notes, if any:

² At least 42 of the required credits for the baccalaureate degree shall be at the upper-division level.

College	Name	Signature	Date
Sr. Dean of AA & Students	Gregg Raisanen		8/23/18
Executive VP of Academic & Student Affairs	Dr. Ross Santell		8/23/18
University	Name	Signature	Date

President	Dr. Colette Geary	<i>Colette Geary</i>	<i>7/25/2018</i>
Academic Dean	Dr. Brandon Olson	<i>Brandon D. Olson</i>	<i>7/24/2018</i>
DARS Encoder			
Date when equivalencies were verified/encoded in DARS by the receiving MnSCU institution.			