

<b>MINNESOTA STATE COLLEGES AND UNIVERSITIES*</b> <b>TRANSFER AGREEMENT BETWEEN</b>	<b>ALEXANDRIA TECHNICAL AND COMMUNITY COLLEGE AND METROPOLITAN STATE UNIVERSITY</b>
<p>*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.</p>	

This Agreement is entered into between **Alexandria Technical and Community College, 1601 Jefferson St, Alexandria, MN 56308** (hereinafter sending institution), and **Metropolitan State University, 700 East 7<sup>th</sup> Street, St. Paul, MN 55106** (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 Sciences (AAS) in Cybersecurity, Virtualization, and Networking** (hereinafter sending program), and the receiving institution has established a **Cybersecurity, B.S.** (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 **55** credits from the sending program. A total of **65 credits** remain to complete the receiving program.
- B. Courses will transfer as described in the attached Program Transfer 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 Transfer Agreement is effective on **9-1-2021** and shall remain in effect until **8-31-2026** 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 Transfer Agreement will be reviewed by both parties beginning **03-01-2026** (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 TRANSFER TABLE

Check if the sending program \_\_\_ or receiving program \_\_\_ is new.

	Alexandria Technical and Community College (sending)	Metropolitan State University (receiving)
Institution	Alexandria Technical and Community College	Metropolitan State University
Program name	Cybersecurity, Virtualization, and Networking	Cybersecurity
Award Type (e.g., AS)	AAS	BS
Credit Length	60	120
CIP code (6-digit)	11.0901	XX.XXXX
Describe program admission requirements (if any)		

### 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

Alexandria Technical College (sending)			Metropolitan State University (receiving)			
course prefix, number and name	Goal(s)	Cr	course prefix, number and name	Goal(s)	Credits Applied	Equiv/Sub/Wav
Minnesota Transfer Curriculum (MnTC)-General Education						
ENGL1460 Technical Writing	1	3	WRIT 271 Technical Writing	1	3	Equiv
PHIL1410 Technology Ethics	9	3	MnTC Goal 9 Elective	9	3	
MATH 1420 (MnTC Transfer Curriculum Elective)%	4	3	MATH 115* College Algebra	4	3	Equiv
COMM 1415 (MnTC Transfer Curriculum Elective)%	1	3	COMM 103 Public Speaking	1	3	Equiv
ENGL 1410 (MnTC Transfer Curriculum Elective)%	1	3	WRIT 131 Writing I	1	3	Equiv
<b>MnTC/General Education Total</b>		<b>15</b>				

#### Special Notes, if any:

**\*Course is 4 credits at receiving institution but 3 credit at sending, so only 3 credits will be applied**

**% Please advise the students to take this course to maximize their credits**

MnTC goal areas transfer to the receiving Minnesota State college/university according to the goal areas designated by the sending college/university

**SECTION B – Alexandria Technical College 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			
CVNP1606 Supporting Windows Operating Systems AND CVNP2626 Computer Hardware	6	CFS262 Computer and Operating Systems Fundamentals I	4
CVNP1601 Linux Administration AND CVNP2639 Scripting & Command Line	6	CFS264 Computer and Operating Systems Fundamentals II	4
CVNP1603 Cisco 1 AND CVNP1612 Cisco 2 AND CVNP2606 Cisco 3	11	CYBR362 Network Protocols and Analysis	4
CVNP2615 Security Fundamentals AND CVNP2625 Defensive Security	7	CYBR332 Computer Security	4
CVNP2646 Python/JSON	4	ICS140 Computational Thinking with Programming	4
COMM1439 Job Seeking/Keeping Skills	1	ICS251 IT Work Skills	1
CVNP2601 Virtual Computing AND CVNP2603 Adv. Network Op. Systems	6	Cybersecurity Elective (Upper Division)	4
CVNP1620 Enterprise Operating System 1	4	General Technical Electives (Lower Division)	4
Restricted elective credits - list courses (if none enter 0)	0		
Unrestricted elective credits (if none enter 0)	0	College's unrestricted elective credits accepted in transfer (if none enter 0)	11
<b>Major, Emphasis, Unrestricted Electives Total</b>	<b>45</b>	<b>Total College Credits Applied (sum of sections A and B)</b>	<b>0</b>
<b>Special Notes, if any:</b>			<b>55</b>

**SECTION C - Remaining Metropolitan State University (receiving) Requirements<sup>1</sup>**  
**(based on students taking the "recommended" courses, if any, in Sections A and B)**

	course prefix, number and name	Credits
	Complete GELS (General Education-GE/Liberal Studies-LS) <ul style="list-style-type: none"> <li>• 8 upper division credits for Liberal Studies</li> <li>• 3 credits to fulfill the Racial Issues Graduation Requirement</li> <li>• 20 of 25 must be upper division to meet university requirement</li> </ul>	25
	ICS 265 C Programming	4
	STAT 201 Statistics I	4
	MATH 215 Discrete Mathematics	4
	CFS 280 Introduction to Computer Forensics	4
	ICS 232 Computer Organization and Architecture	4
	ICS 311 Database Management Systems	4
	CYBR 412 Vulnerability Assessment and Pen Testing	4
	CYBR 432 Cryptography for Cyber Practitioners	4
	CYBR 442 Cyber Operations	4
	Cyber Capstone or Residency	4
	University unrestricted elective credits not counted elsewhere (if none enter 0)	
	<b>Total Remaining University Credits<sup>2</sup></b>	<b>65</b>

**Special Notes, if any:**

<sup>1</sup>At least 40 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, the course will not count toward the 40 required credits of upper division.

In addition, some courses in your program of study may require additional prerequisites.

The Gender Studies Major at Metropolitan State is optimized for double-majoring with English, Ethnic Studies, History, or Social Science.

<sup>2</sup>GELS Requirement: To meet the university's General Education and Liberal Studies (GELS) requirement, students must:

- Complete 48 unduplicated GELS credits
  - Minnesota Transfer Curriculum (MnTC) for 40 credits, and
  - Eight (8) upper-division semester credits (300-level or higher) to fulfill the university's Liberal Studies requirement.
- Students who have completed the Minnesota Transfer Curriculum (MnTC) and Liberal Studies requirements may still need additional credits to bring the total to 48 unduplicated credits.

The actual number of credits needed to complete the MnTC depends upon:

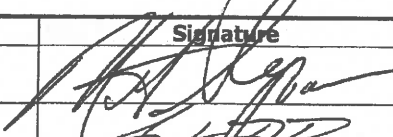
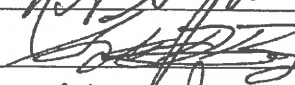


- The number of required General Education/MnTC credits in your program at the community/technical college (listed in Section A)
- A college's distribution requirements within the MnTC—all MinnState institutions require 40 credits in 10 Goal Areas, but colleges have different requirements as to how the credits are distributed within the goal areas—e.g., Metro State requires two writing courses for Goal 1 (6 credits), the sending institution may require two writing courses plus a communications course (9 credits) in Goal 1.
- When MnTC electives are listed (i.e., no specific course is named), the number of goal areas a course meets will determine the number of courses you may need to take to fulfill MnTC requirements—i.e., it's better to choose courses meeting more than one goal area.
- May need to include upper-division credits in order to fulfill the 40 credit upper-division requirement for graduation.

Consult an academic advisor (at either the sending or receiving institution) to plan the completion of the MnTC requirement.

<sup>3</sup>Liberal Studies: All students must complete eight (8) upper-division semester credits (300-level or higher) from the approved GELS Course List. Liberal Studies courses may overlap with one or two goal areas.

<sup>4</sup>RIGR Requirement: Metropolitan State University's Racial Issues Graduation Requirement (RIGR) becomes effective for all new undergraduate students admitted Fall 2016 or later. The requirement is at least one learning experience (minimum of 3 credits) with significant focus on race and racism. Approved "racial issues" courses or other learning experiences are designated in the online class schedule and can overlap with any other requirement for graduation, including General Education/Minnesota Transfer Curriculum (MnTC) requirements, Liberal Studies requirements, major requirements and electives. Upon review, an approved prior learning, independent study, theory seminar or transfer course from other accredited institutions may also be used to meet this graduation requirement.

1SECTION D - Summary of Total Program Credits			
Alexandria Technical College (sending) Credits		Metropolitan State University (receiving) Requirements	
MnTC/General Education	15		
Major, Emphasis, Unrestricted Electives or Other	45		
<b>Total College Credits</b>	<b>60</b>	<b>Total College Credits Applied</b>	<b>55</b>
		<b>Remaining credit to be taken at the university (receiving institution)</b>	<b>65</b>
		<b>Total Program Credits</b>	<b>120</b>
<b>Special Notes, if any: Students will end up taking a total of 60+65= 125 credits (5 extra credits)</b>			

Alexandria Tech College	Name	Signature	Date
President	Michael Seymour		8/19/21
Chief Academic Officer	Scott Berger		08/19/21
Program Dean (Optional)	Steve Richards		08/19/21
Faculty (Optional)			
Metropolitan State University	Name	Signature	Date
Chief Academic Officer	Amy Gort		
Dean	Kyle Swanson		8/19/2021
Dept. Chair/Faculty	Thanaa Ghanem/Faisal Kaleem	Faisal Kaleem	
Credentials Evaluator DARS encoder	Samantha Salin		
Date when equivalencies were encoded in DARS by the receiving Minnesota State institution.			

