

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

**ANOKA-RAMSEY COMMUNITY COLLEGE
AND
METROPOLITAN STATE UNIVERSITY**

*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 **Anoka-Ramsey Community College, 300 Spirit River Drive, Cambridge, MN 55008** (hereinafter sending institution), and **Metropolitan State University, 700 East 7th 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 a **Cybersecurity, A.S.** (hereinafter sending program), and the receiving institution has established a **Computer Forensics, B.A.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 **60** credits from the sending program. A total of **60 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 **07-01-2018** and shall remain in effect until **07-01-2023** 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 Transfer Agreement will be reviewed by both parties beginning **01-01-2023** (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 TRANSFER TABLE

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

	Anoka-Ramsey Community College (sending)	Metropolitan State University (receiving)
Institution	Anoka-Ramsey Community College	Metropolitan State University
Program name	Cybersecurity	Computer Forensics
Award Type (e.g., AS)	AS	BAS
Credit Length	60	120
CIP code (6-digit)	11.1003	43.0116
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

Anoka-Ramsey Community College (sending)			Metropolitan State University (receiving)			
course prefix, number and name	Goal(s)	Credits	course prefix, number and name	Goal(s)	Credits Applied	Equiv Sub Wav
Minnesota Transfer Curriculum-General Education						
Complete at least 32 credits in courses from the Minnesota Transfer Curriculum (MnTC), including all courses listed below. <ul style="list-style-type: none"> • You must complete at least one course in six (6) of the ten (10) goal areas. • One course may satisfy more than one goal area, but the course credits may be counted only once. 						
MATH 1200 College Algebra I	4	3	MATH 115 College Algebra (4)	4	3	Equiv
Or PHIL 1105 Introduction to Logic and Critical Reasoning	2		MnTC Goal 2 Elective	2		
ENGL 1120 Cross-Current College Writing and Critical Reading	1, 2	4	WRIT 131 Writing I (3)	1, 2	4	Equiv
Or ENGL 1121 College Writing and Critical Reading						

CMST 1110 Introduction to Communication CMST 2215 Public Speaking CMST 2220 Interpersonal Communication	1, 2 1, 2 1, 7	3	MnTC Goals 1, 2 Elective COMM 103 Public Speaking COMM 231 Introduction to Interpersonal Communication	1, 2 1, 2 1, 7	3	Equiv Equiv
ECON 2205 Principles of Macroeconomics	5, 2	3	ECON 201 Macroeconomics	5, 2	3	Equiv
MnTC Electives. Metro State recommends the following courses:	1-10	19	MnTC Goals 1-10 Electives	1-10	19	
• POLS 2225 Constitutional Law (3)	(5C, 9)	(3)	CJS 101 Introduction to Criminal Justice (3)	(5C, 9)	(3)	Equiv
• SOC 2261 Introduction to Crime and criminology (3)	(5B, 9)	(3)	CJS 210 Constitutional Law or LAWE 220 Legal Issues in Law Enforcement (3)	(5B, 9)	(3)	Equiv
MnTC/General Education Total		32				

Special Notes, if any:

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

SECTION B – Anoka-Ramsey Community 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					
CNET 1100 Introduction to Information Technology	3	Elective	3		
CNET 1105 Introduction to Cybersecurity	1	Elective	1		
CNET 2101 Introduction to Networks	3				
CNET 2114 Fundamentals of Linux/UNIX	3	CFS 264 Computer and OS Fundamentals II (4)	6		Equiv
CNET 2301 Routing and Switching Essentials	3	Elective	3		
CNET 2110 Principles of IT Security	3	ICS 382 Computer Security (4)	3		Equiv
CNET 2125 System Virtualization	3	Elective	3		
CNET 2215 Managing Network Security	3	Elective	3		
CNET 2230 Ethical Hacking	3	Elective	3		
CSCI 1101 Introduction to Computer Science and Problem-Solving	3	Elective	3		
Restricted elective credits - list courses (if none enter 0)	0		0		
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	28	Total College Credits Applied (sum of sections A and B)	60		

SECTION C - Remaining Metropolitan State University (receiving) Requirements¹
(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) ^{2,3} — must complete at least 48 credits: • MnTC (from Section A) = 32 credits • 16 credits remain, which must include the following course: o MATH 208 Applied Calculus or MATH 210 Calculus I or STAT 201 Statistics o Upper-Division Liberal Studies (8)	16
	Completion of the Racial Issues Graduation Requirement ⁴	
	<u>Note:</u> The number here are estimates; the actual number will depends on the individual student and his/her course selections. Please work with your advisor to ensure proper	

	General Education/Liberal Studies & Racial Issues Graduation Requirement course selections.	
	ICS 140 Computational Thinking and Programming	4
	CFS 262 Computer and OS Fundamentals I	4
	CFS 280 Introduction to Computer Forensics	4
	CFS 345 E-Discovery I	4
	CFS 380 Digital Evidence Analysis	4
	CFS 445 E-Discovery II	4
	CFS 484 Computer Law	4
	CFS 499 Computer Forensics Internship/Capstone	4
	Complete either 1. At least 10 credits of major electives or 2. An approved minor (can be a second major)	10
	University unrestricted elective credits not counted elsewhere (if none enter 0)	2
Total Remaining University Credits		60

Special Notes, if any:

¹At 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.

²GELS 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.

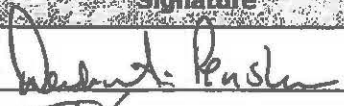

³Liberal Studies: All students must complete eight (8) upper-division semester credits (300-level or higher) from the approved GELS Course List. Liberal Studies courses may overlap with one or two goal areas.





⁴RIGR 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.

SECTION D - Summary of Total Program Credits

College (sending) Credits		Metropolitan State University (receiving) Requirements	
MnTC/General Education	32		
Major, Emphasis, Unrestricted Electives or Other	28		
Total College Credits	60	Total College Credits Applied	60
		Remaining credit to be taken at the university (receiving institution)	60
		Total Program Credits	120

Special Notes, if any:

Anoka-Ramsey Community College	Name	Signature	Date
Chief Academic Officer	Deldra Peaslee		5/24/18
Program Dean/Faculty (if required by College)	Shannon Kirkeide		5.24.18

Metropolitan State University	Name	Signature	Date
Chief Academic Officer	Amy Gort		6/1/18
Dean	Kyle Swanson		6/6/2018
Dept. Chair/Faculty	Michael Stein		05-Jun-2018
DARS Encoder	Amber Eisen Sanchez		6/8/18

Date when equivalencies were encoded in DARS by the receiving Minnesota State institution: 6/11/18

