MINNESOTA STATE COLLEGES AND UNIVERSITIES* **TRANSFER AGREEMENT BETWEEN**	**Hennepin Technical College** **AND** **St. Cloud 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 _Hennepin Technical_ College, _9000 Brooklyn Blvd, Brooklyn Park, MN, 55444_ (hereinafter sending institution), and _St. Cloud State University_, _720 4th Ave S, St. Cloud, MN, 56301_ (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 **_CyberDefense A.A.S._** (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 **_53 credits_** from the sending program. A total of **_69-73 credits_** remaining 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 Senior 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 **01/01/2023** and shall remain in effect until **12/31/28** 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 **06/01/2027** (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.

	College (sending)	**University (receiving)**
Institution	Hennepin Technical College	St. Cloud State University
Program name	CyberDefense	Cybersecurity
Award Type (e.g., AS)	AAS	BS
Credit Length	60 credits	120-125 credits
CIP code (6-digit)	11.1003	
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.

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						
COMM 1260 Small Group Communication	1	3	CMST340 - Teams, Innovation, and Communication	1,2	3	Equiv
ENGL 1070 Technical Writing	1	3	MnTC Elective	1	3	Sub
General Education Elective	3, 4 or 5	3	MnTC Elective	3, 4, or 5	3	Sub
General Education Elective	Any	6	MnTC Elective	Any	6	Sub
MnTC/General Education Total		15				

Special Notes, if any:

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

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

Major, Emphasis, Restricted, Unrestricted Electives or Other Courses				
(pre-requisite courses, required core courses, required courses in an emphasis, or electives (restricted or general) within the major). <u>Restricted electives (in Major)</u> 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).				
ITEC 1421 Network Admin 2 AND ITEC 1431 Network Admin 3	8	CYB 301 Computer Networks AND CYB 461 Network Administration	6	Equiv
ITEC 1110 Windows Admin 1 AND ITEC 1122 Linux Admin 1	7	CYB 270 Operating Systems of Microcomputers AND CYB 462 System Administration	6	Equiv
ITEC 1505 Fundamentals of Programming	4	CYB 267 Introduction to Programming AND CYB 268 Introduction to Programming Lab	4	Equiv
ITEC 2505 Cybersecurity Essentials AND ITEC 2511 Software Security and Cryptography	5	CYB 433 Security Principles and Laws	4	Equiv
ITEC 2515 Firewall Essentials AND ITEC 2242 CCNS Security	4	CYB 428 Defensive Security and Firewalls	3	Equiv
ITEC 2536 Ethical Hacking	3	CYB 430 Ethical Hacking	3	Equiv
ITEC 1431 Network Admin 1 ITEC 2122 Linux Admin 2 ITEC 2415 IT Security Management and Compliance ITEC 1005 Computer Security Awareness	14	Electives	12	Sub
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)		
Major, Emphasis, Unrestricted Electives Total	**45**	**Total College Credits Applied (sum of sections A and B)**	38	

SECTION C - Remaining University (receiving) Requirements

	course prefix, number and name	Credits
	MATH 115 Precalculus* (Read footnote)	5
	MATH 271 Discrete Mathematics	3
	STAT 239 Statistical Methods I for Natural Sciences (or alternative)	3
	CSCI 201 Computer Science 1	4
	CSCI 220 Computer Architecture	4
	CSCI 332 Computing Ethics	3
	SE 211 Introduction to Database Systems	3
	SE 480 Software Project Management	3
	ENGL 332 Writing for the Professions	4
	CYB 338 Applied Cryptography	4
	CYB 460 Advanced Scripting for Unix and Windows	3
	CYB 490 Senior Capstone	3
	IS 381 Introduction to Computer Forensics	3
	Technical Electives	12
	General Education Studies	25
	University unrestricted elective credits not counted elsewhere (if none enter 0)	
	Total Remaining University Credits[2]	69-73

Special Notes, if any: If student does not transfer Pre-Calculus, they must complete MATH 115 or the qualification Exam.

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**	53

		Remaining credit to be taken at the university (receiving institution)	67-72
		Total Program Credits	120-125
Special Notes, if any:			

[2] 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, check with the university to determine if it will count toward the 40 required credits of upper division.

College	Name	Signature	Date
Senior Academic Officer	Dr. Leanne Rogstad	*Leanne Rogstad*	9/21/22
Vice President of Academic Affairs Title	Same as above		
University	Name	Signature	Date
Senior Academic Officer			
Provost and Vice President for Academic Affairs Title	Dan Gregory	*Dan Gregory*	10/10/22
DARS Encoder	**Ashley Livingood**	*Ashley Livingood*	9-22-22
Date when equivalencies were verified/encoded in degree audit by the receiving Minnesota State institution.			