

**2 + 2 Agreement Between
Hutchinson Community College and Friends University**

The purpose of this 2+2 agreement is to provide a mutually beneficial relationship between Hutchinson Community College (HutchCC), Friends University and students desiring to complete an Associate of Science degree following a Cybersecurity transfer pathway at HutchCC and a Bachelor of Science degree in Cybersecurity at Friends University. This agreement outlines the necessary courses that can be taken at each institution to fulfill the requirements for an Associates of Science degree at HutchCC following a Cybersecurity transfer pathway and a Bachelor of Science degree in Cybersecurity at Friends University. The purpose of this agreement is to provide a clear path for students to follow to set them up for a smooth transition to Friends University. The student will complete their first two years at HutchCC and a subsequent two years at Friends University. Friends University agrees that if a student completes the list of courses outlined in the attached curriculum guide for the Associates of Science degree following the Cybersecurity transfer pathway at HutchCC they will have fulfilled and satisfied the requirements for the first two years of the Bachelor of Science degree in Cybersecurity at Friends University.

This agreement does not remove the requirement for students to meet the general admission requirements and any additional specific degree requirements outlined in the Friends University catalog.

Both institutions will work with students to provide advising, guidance and additional student support services throughout their time at each institution.

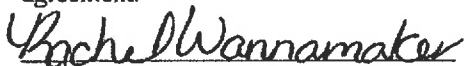
Each institution agrees to coordinate with one another when curriculum changes occur that will affect the curriculum outline of courses noted in the attached curriculum guide for both degrees. Should curriculum changes occur at either of the institutions it will be their responsibility to notify the other institution and initiate an amendment or revision of this 2+2 agreement.

Each institution will individually market and promote this agreement.

This agreement can be terminated at any time with a minimum of 12 month's notice from one institution to the other. Should this agreement be terminated at any time, all students currently participating in the agreement will be afforded an applicable and appropriate amount of time to complete the degrees.

This agreement shall be reviewed every five years to determine whether it should continue, be revised or terminated.

This agreement shall commence on the date of the last completed signature. Both institutions shall receive a copy of the signed agreement and shall keep it on file and implement for the term of the agreement.



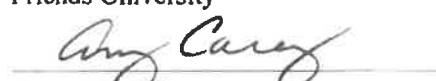
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President
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Hutchinson Community College and Friends University
Curriculum Guide for
Associate of Science and Bachelor of Science in Cybersecurity

Hutchinson Community College Course	Friends University Equivalent Course	Credit Hours
Freshman 1st Semester, Total Credit Hours - 15		
English Options (SGE) 010		3
Mathematics Options (SGE) 030		3
Institutional Options (SGE) 070 IS104 Microcomputer Applications	MIS 271 Computer Systems and Applications	3
IS100 Cybersecurity Application	TRNS 200	3
IS148 CompTIA A+ Core 1	TRNS 200	3
Freshman 2nd Semester, Total Credit Hours – 15		
English Options (SGE) 010		3
Social & Behavioral Sciences Options (SGE) 050		3
Arts & Humanities Options (SGE) 060		3
IS149 CompTIA A+ Core2	TRNS 200	3
IS182 Cisco CCNA I/Networking I	TRNS 200	3
Sophomore 1st Semester, Total Credit Hours – 14		
Communication Options (SGE) 020 SH101 Public Speaking	SPCH 100 Public Speaking & SPCH 111 Public Speaking for College/CA	3
Natural & Physical Science Lab Options (SGE) 040		4
CS200 Problem Solving & Programming	CSE 150 Programming I	4
IS224 Networking II	CSIS 260 Networking Principles	3
Sophomore 2nd Semester, Total Credit Hours – 18		
Social & Behavioral Sciences Options (SGE) 050		3
Arts & Humanities Options (SGE) 060		3
Institutional Options (SGE) 070		3
IS235 Elements of Linux	TRNS 200	3
IS240 Fundamentals of Network Security	CYBR 305 Prin of Cyber Security	3
Cybersecurity Technical Electives – Choose From: IS280 Computer Forensics IS281 Control Systems Security IS282 Secure Coding	CYBR 310 Fnd Cmpt Forensic Investgns CYBR 411 Network & Syst Security Applic TRNS 200	3

Total HutchCC Credit Hours: 62

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Friends University Courses for Junior and Senior Year	Credit Hours
JUNIOR FALL	15-18
CSE250 Programming II	3
CYBR320 Cryptography	3
MATH270 Statistics	3
<i>Choose one Religion General Education Course</i>	3
<i>Elective or Concentration Course(s)</i>	3-6
JUNIOR SPRING	15-18
CSE305 Server Admin	3
CYBR405 Policy Development, Compliance, Law, Investigations	3
MATH415 Discrete Mathematics	3
<i>Choose one Religion General Education Course</i>	3
<i>Elective or Concentration Course(s)</i>	3-6
SENIOR FALL	15-18
CSE460 Intro to Operation Systems (may need prerequisite override—preapproved by faculty)	3
CSIS330 Systems Analysis & Design	3
CYBR244 Intro to Security Engineering (may need prerequisite override—preapproved by faculty)	3
REL299 The Good Life	3
<i>Elective/Concentration Course(s)</i>	3-6
SENIOR SPRING	15-18
CSE320 Virtualization & Cloud Technologies	3
CSE490 Capstone	3
CSIS266 Web Application Development	3
CSIS420 Database Management Systems	3
<i>Elective/Concentration Course(s)</i>	3-6

** Students completing the BS in Cyber Security at Friends have the option to complete one of the following: Concentration in Business (15 credit hours), Concentration in Math & Science (15 credit hours), or no concentration. A concentration is not required for degree completion but can provide a focus on complimentary coursework that benefits Cyber students. If no concentration is selected, students must complete 15 additional hours of elective credit instead.*

Major Coursework Hours at Friends University: 39 (no concentration) – 54 (one concentration)

General Education Credit Hours at Friends University: 9

Elective Credit Hours at Friends University: 2 (one concentration) – 17 (no concentration)

Total Friends University Credit Hours: 65

Total Credit Hours Required for Degree: 127