

**SCCC A.A.S. Computer Networking Systems and Cybersecurity
to Excelsior College B.S. Cybersecurity**
Revision: October 2020

This program plan outlines how students may transfer from the **Schenectady County Community College A.A.S. Computer Networking Systems & Cybersecurity** program to the **Excelsior College B.S. Cybersecurity** program. Upon completion of the **A.A.S. Computer Networking Systems & Cybersecurity**, the following credits may apply for students enrolling in the **B.S. Cybersecurity** program.

This guide is only a sample scenario. Excelsior College reviews every student individually. Actual requirements will be dependent on the courses a student transfers and the application date with Excelsior.

Schenectady County Community College Credits	Semester Hours	Excelsior College Requirements	Semester Hours
CIS 110: Workstation Arch/Support I (A+)	3	Free Elective	3
CIS 129: Programming Fundamentals	3	Technology Elective	3
CIS 240: Internetworking Fundamentals	3	Data Communications and Network Requirement	3
ENG 123: College Composition	3	Written English Requirement	3
FYS 100: First Year Seminar	1	N/A	0
MAT 118: Technical Math	3	Arts & Sciences Requirement	3
ENG 211: Technical Writing	3	Arts & Sciences Requirement	3
CIS 111: Workstation/Arch Support II (A+)	3	Free Elective	1
CIS 134 C++/UNIX	4	Technology Elective	4
CIS 249: Intro to Routing and Switching	4	Technology Elective	4
MAT 124: Technical Discrete Math OR MAT 149: Finite Math	3	Discrete Math Requirement	3
CIS 251: Switching & Advanced Routing	4	Technology Elective	4
CIS 256: Intro to Systems Management	4	N/A	0
CIS 225: Operating Systems	3	Operating Systems Requirement	3
Science Elective	3	Natural Sciences Requirement	3
CIS 262: Intro to Network Security	3	Overview of Computer Security Requirement	3
CIS 263: Intro to Computer Forensics	3	Computer Forensics Requirement	3
CIS 257: Advanced Networking & Sys Mgt	4	N/A	0
Social Science Elective	3	Social Sciences/History Requirement	3
Humanities Elective	3	Humanities Requirement	3
Total Credits Required for Associate	63	Total Credits Accepted from Associate	52

Credits Beyond The Associate That Can Be Transferred OR Taken At Excelsior

Schenectady County Community College Credits	Semester Hours	Excelsior College Requirements
ENG 125: College Composition II	3	Written English Requirement
BUS 212: Business Communications	3	Communications Requirement
ETH 221: Professional & Applied Ethics	3	Ethics Requirement
Social Sciences/History Electives	6	Social Sciences/History Requirement
Mathematics Elective (College Algebra and Above)	3	Mathematics Requirement (College Algebra and Above)
BUS 223: Business Statistics OR MAT 126: Statistics	3	Statistics Requirement
Arts & Sciences Electives	16	Arts & Sciences Requirement
Total Additional Credits	37	

Credits To Be Taken At Excelsior College *

Excelsior College Requirements	Semester Hours
INL 102: Information Literacy (<i>MUST be completed with Excelsior</i>)	1
IND 301: Cornerstone B (Pathways) (<i>MUST be completed with Excelsior</i>)	3
CYS 203: Intro to Microprocessors (Microprocessors Computer Architecture Requirement)	3
CYS 345: Introduction to Cybersecurity (Introduction to Cybersecurity Requirement)	3
CYS 260: Governance, Legal, and Compliance (Governance, Legal, and Compliance Requirement)	3
CYS 345: Cybersecurity Defense in Depth (Cybersecurity Defense in Depth Requirement)	3
CYS 426: Cyber Attacks and Defense (Cyber Attacks and Defense Requirement)	3
CYS 450: Security Focused Risk Management (Security Focused Risk Management Requirement)	3
IT 460: Systems Administration	3
CYS 403: Network and Application Security (Network and Application Security Requirement)	3
CYS 496: Cybersecurity Capstone (<i>MUST be completed with Excelsior</i>)	3
Total Credits	31

*All coursework, except where noted, may be completed at Excelsior or transferred from another accredited institution.

Evaluation Summary	Semester Hours
Credits Accepted from Associate Degree	52
Additional Credits beyond the Associate Degree	37
Credits from Excelsior *	31
Total Credits Required for Bachelor's Degree	120

* Students are required to take a minimum of **12.00 online course credits** from Excelsior to qualify for partner pricing.

What are Arts and Sciences?

We offer the following definitions to help you make these determinations. Remember, however, that before you pay to take a course or examination you should always consult with your advisor to make sure that it will help meet your degree requirements.

Humanities

Humanities subjects focus on developing knowledge and skills in critical reading, logical thought, and esthetic appreciation. Here are some subject areas typically classified as Humanities:

Art, Philosophy, Music, Foreign Language, Literature, Theater, Ethics, Speech, Religion, Communication

Social Sciences and History

Social Sciences and History subjects focus on individuals and society and the processes individuals use to order their world. Here are some subject areas typically classified as Social Sciences and History:

Psychology, Economics, Sociology, Geography, Political Science, History, Anthropology

Natural Sciences and Mathematics

Natural Sciences and Mathematics subjects focus on understanding the natural world and problem-solving processes. Here are some subject areas typically classified as Natural Sciences and Mathematics:

Anatomy and Physiology, College Algebra, Microbiology, Calculus, Chemistry, Genetics, Biology, Physics