

**SUNY Adirondack Information Technology-Cybersecurity AAS
to Excelsior College BS in Cybersecurity General Concentration**
Revision: August 2017

This program plan outlines how students can transfer from the **SUNY Adirondack Information Technology-Cybersecurity AAS** program to the **Excelsior College BS in Cybersecurity** program. Upon completion of the **SUNY Adirondack Information Technology-Cybersecurity AAS**, the following credits will apply for students enrolling in the **BS in Cybersecurity** program.

SUNY Adirondack Credits	Semester Hours	Excelsior College Requirements	Semester Hours
HRD 100, HRD 100A or HRD 110 Freshman Experience	1-4	Not Applicable	0
ENG 101 or ENG 100A & B Introduction to College Writing or Writing Reading Workshop A/B	3	Written English	3
GEN ED Basic Communication ENG 102, ENG 103, ENG 104, ENG 105, ENG 106, ENG 107, ENG 108, ENG 109 or ENG 110 *ENG 110 Elements of Technical Writing recommended	3	Written English	3
GEN ED Mathematics *MAT 108 recommended	3	Arts & Science elective, Math prerequisite	3
GEN ED Natural Science Lab Science	4	Natural Science	4
GEN ED Social Science	3	Social Science	3
GEN ED Humanities, The Arts or Other World Civilizations	3	Humanities	3
CRJ 101 Introduction to Criminal Justice	3	Social Science	3
CRJ 212 (Prereq Required) Criminal Evidence	3	Free Elective	3
CIS 130 Information Assurance	1	Introduction to Cybersecurity	1
CIS 131 Introduction to Networking	3	Free Elective	3
CIS 133 (Prereq/Coreq Required) Network Fundamentals (CCNA1)	4	Business Data Communications	4
CIS 134 (Prereq Required) Routing Protocols and Concepts (CCNA2)	4	General Concentration Electives	4
CIS 135 (Prereq Required) Networking Security I	3	General Concentration Electives	3
CIS 136 (Prereq Required) IT Security Essentials	4	Overview of Computer Security	4
CIS 178 (Prereq Recommended) Information Technology Internship or CIS 139 (Prereq Required) Scaling LAN/WAN Technologies (CCNA3-4)	3	Free Elective	3
CIS 232 (Prereq Required) Server Administration	3	General Concentration Electives	3
CIS 235 (Prereq Required) Network Security II (CCNA Security)	3	Network & Application Security	3
CIS 245 (Prereq Required) Ethical Hacking and Defense	3	Cyber Attacks & Defense	3
CIS Elective – choose one from: CIS 122 (Prereq Required)Intro to Internet Development or CIS 140 (Prereq Required) Intro to Programming in a Windows Environment or CIS 143 (Prereq Required)Intermediate Programming in a Windows Environment	3	General Concentration Electives	3
Electives *MAT 123 recommended	4	Arts & Science elective, Math prerequisite	4
Total Credits Required for Associate	63	Total Credits Accepted from Associate	63

* Excelsior College requires Math courses at the level of College Algebra or above. The Cyber Operations and Information Technology program includes a Statistics requirement. Depending on what the student takes at their home institution, they will need the other requirement for Excelsior College.

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

SUNY Adirondack Credits	Semester Hours	Excelsior College Requirements
MAT 131 Calculus I	4	Calculus I
MAT 132 Calculus II	4	Calculus II
MAT 127 Introductory Statistics	4	Statistics
MAT 129 Discrete Mathematics	3	Discrete Math
Social Science Electives	3	Social Science
SPH 111 Introduction to Public Speaking	3	Communications
PHI 202 Ethics or PHI 207 Business Ethics	3	Ethics
Arts & Science Electives	10	Arts & Science Electives
Total Additional Credits	34	

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Credits To Be Taken At Excelsior College *

Excelsior College Requirements	Semester Hours
INL 102: Information Literacy	1
IT 406 Computer Forensics	3
IT 321 Computer Architecture or CYS 203 Micprocessors	3
IT 360 Operating Systems	3
IT 460 System Administration	3
CYS 345 Cybersecurity Defense in Depth	3
CYS 260 Governance, Legal, and Compliance	3
CYS 450 Security Focused Risk Management	3
CYS 496 Capstone	3
<i>NOTE: The Capstone MUST be completed at Excelsior</i>	
Total Credits	25

* The above credits (with the exception of the **Capstone** course) may also be transferred in or taken at another 4-year regionally accredited institution.

Evaluation Summary	Semester Hours
Credits Accepted from Associate Degree	63
Additional Credits beyond the Associate Degree	34
Credits from Excelsior *	25
Total Credits Required for Bachelor's Degree	122

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

NOTE: Excelsior College reviews every student individually and this guide is just a sample scenario.

Actual requirements will be dependent on the courses a student transfers to Excelsior.

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