

**Brookdale Community College A.A.S. Networking Information Technology, Security
to Excelsior College B.S. Cybersecurity**

Revision: December 2020

This program plan outlines how students may transfer from the **Brookdale Community College A.A.S. Networking Information Technology, Security** program to the **Excelsior College B.S. Cybersecurity** program. Upon completion of the **A.A.S. Networking Information Technology, Security**, 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.

Brookdale Community College Credits	Semester Hours	Excelsior College Requirements	Semester Hours
ENGL 121: English Composition: The Writing Process	3	Written English Requirement	3
ENGL 122: English Composition: Writing and Research or SPCH 115: Public Speaking*	3	Written English Requirement	3
Mathematics/Science/Technological Competency (MATH 152: College Algebra and Trigonometry recommended)	4	Natural Sciences/Mathematics Elective	4
Humanities or Social Sciences	3	Arts and Sciences Elective	3
General Education (Humanities recommended)	3	Humanities Elective	3
General Education (Sciences recommended)	4	Natural Sciences Elective	4
NETW 106: Introduction to Networking TCP/IP	3	Data Communications and Networking Core	3
NETW 107: Introduction to Security	3	Introduction to Cybersecurity Core	3
NETW 110: Introduction to UNIX Network Admin	3	System Administration Core	3
NETW 111: UNIX Network Administration II**	4	Operating Systems Core	4
NETW 151: Router Internetworking/CCNA**	6	Technology Elective (General Concentration)	6
NETW 152: Virtual LANs and WANs/CCNA**	6	Technology Elective (General Concentration)	6
NETW 190: MCTS Guide to Microsoft Windows 7**	3	Free Elective	3
NETW 191: MCSE - Managing and Maintaining a Microsoft Windows Server 2008 Environment**	3	N/A	0
NETW 236: Computer Forensics and Investigation	3	Computer Forensics Core	3
NETW 237: Perimeter Security	3	N/A	0
NETW 238: Hacker Techniques, Tools and Incident Handling	3	Cyber Attacks and Defense Core	3
Total Credits Required for Associate	60	Total Credits Accepted from Associate	54

*Depending on what the student takes at their home institution, they will need the other requirement for Excelsior College.

**One of the following concentrations must be declared: General or Cyber Operations. Technology Elective can only be used towards the General Concentration. Up to 15 credits required.

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

Brookdale Community College Credits	Semester Hours	Excelsior College Requirements
SPCH 115: Public Speaking*	3	Communications Requirement
PHIL 227: Introduction to Ethics	3	Ethics Requirement
Social Sciences/History Electives	9	Social Sciences/History Requirement
MATH 131: Statistics	4	Statistics Requirement
MATH 226: Discrete Structures	4	Discrete Mathematics Core
Arts & Sciences Electives	15	Arts & Sciences Requirement

Total Additional Credits	38
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*Depending on what the student takes at their home institution, they will need the other requirement for Excelsior College.

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: Cybersecurity Defense in Depth	3
CYS 260: Governance, Legal, and Compliance (Governance, Legal, and Compliance Requirement)	3
CYS 450: Security Focused Risk Management (Security Focused Risk Management Requirement)	3
IT 380: Overview of Computer Security (Overview of Computer Security Requirement)	3
CYS 403: Network and Application Security (Network and Application Security Requirement)	3
Technology Electives	3
CYS 496: Cybersecurity Capstone (<i>MUST be completed with Excelsior</i>)	3
Total Credits	28

*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	54
Additional Credits beyond the Associate Degree	38
Credits from Excelsior *	28
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