

**Revision: December 2019**

This program plan outlines how students can transfer from the **Alamo Colleges Information Technology Cybersecurity Specialist A.A.S.** program to the **Excelsior College B.S. Cybersecurity** program. Upon completion of the **A.A.S.**, the following credits will apply for students enrolling in the **B.S. Cybersecurity** program.

Alamo Colleges Credits	Semester Hours	Excelsior College Requirements	Semester Hours
ITNW 1308: Implementing and Supporting Client Operating Systems	3	Technology Elective	3
ITNW 1425: Fundamentals of Networking Technologies	4	Business Data Communications	4
ITSC 1316: Linux Installation and Configuration	3	System Administration	3
Language, Philosophy & Culture (40) Core - 1 course	3	Humanities Requirement	3
ITNW 2412: Routers	4	Technology Elective	4
ITSC 2325: Advanced Linus OR COSC 1336: Programming Fundamentals I	3	System Administration (ITSC 2325)	3
ITNW 1413 Computer Visualization	4	Technology Elective	3
Communication (10) Core - 1 course	3	Communications Requirement	3
Social and Behavioral Sciences (80) Core - 1 course	3	Social Science Requirement	3
Mathematics (20) Core - 1 Course	3	Arts and Science Elective	3
ITSY 1342: Information Technology Security	3	Excess Credit	0
ITNW 2405: Network Administration	4	Technology Elective	4
ITSY 2442: Incident Response and Handling	4	Excess Credit	0
SPCH 1321: Business and Professional Communication	3	Arts and Science Elective	3
ITSY 2301: Firewalls and Network Security	3	Network and Application Security	3
ITSY 2443: Computer System Forensics	4	Computer Forensics	4
ITSY 2430: Intrusion Detection	4	Excess Credit	0
ITSY 2286: Internship - Computer and Information Security	2	Not Applicable	0
<b>Total Credits Required for Associate</b>	<b>60</b>	<b>Total Credits Accepted from Associate</b>	<b>46</b>

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

INSERT INSTITUTION NAME Credits	Semester Hours	Excelsior College Requirements
ENGL 1301 & ENGL 1302: Composition I & II	6	Written English Requirement
PHIL 2306: Ethics	3	Ethics Requirement
Social Sciences/History Electives	6	Social Sciences/History Requirement
Natural Sciences Electives	3	Natural Sciences Requirement
MATH 2305: Business Statistics	3	Business Statistics Requirement
Arts & Sciences Electives	22	Arts & Sciences Requirement
<b>Total Additional Credits</b>	<b>43</b>	

**Credits To Be Taken At Excelsior College \***

Excelsior College Requirements	Semester Hours
INL 102: Information Literacy	1
IND 101: Cornerstone A (Foundations) <b>OR</b> IND 301: Cornerstone B (Pathways)	3

ELEC 202: Microprocessors	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 360: Operating Systems (Operating Systems Requirement)	3
IT 380: Overview of Computer Security (Overview of Computer Security Requirement)	3
CYS 496: Cybersecurity Capstone <i>NOTE: The Capstone MUST be completed at Excelsior</i>	3
<b>Total Credits</b>	<b>31</b>

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

<b>Evaluation Summary</b>	<b>Semester Hours</b>
Credits Accepted from Associate Degree	46
Additional Credits beyond the Associate Degree	43
Credits from Excelsior *	31
<b>Total Credits Required for Bachelor's Degree</b>	<b>120</b>

\* 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. This guide is a sample scenario only. Actual requirements will be dependent on the courses a student transfers and the application date with 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