

**AAS Information Technology: Cybersecurity
to Excelsior College B.S. Cybersecurity**
Revision: March 2020

This program plan outlines how students can transfer from the **Tarrant County College AAS Information Technology: Cybersecurity program** to the **Excelsior College B.S. Cybersecurity program**. Upon completion of the **AAS Information Technology: Cybersecurity**, the following credits will apply for students enrolling in the **B.S. Cybersecurity program**.

Tarrant County College Credits	Semester Hours	Excelsior College Requirements	Semester Hours
COSC 1301- Introduction to Computing OR BCIS 1305- Business Computer Applications	3	Free Elective	3
ITSC 1305- Introduction to PC Operating Systems	3	Not Applicable	0
ITSY 1300- Fundamentals of Information Security	3	Technology Elective	3
ENGL 1301- Composition I +	3	Written English Requirement	3
-ITCC 1414- CCNA 1: Introduction to Networks or ITNW 1425: Fundamentals of Networking Technologies	4	Business Data Communications	4
ITSC 1425- Personal Computer Hardware	4	Free Elective	4
COSC 1436- Programming Fundamentals I +	4	Technology Elective	4
ITSY 2400- Operating System Security	4	Not Applicable	0
ITSY 2341- Security Management Practices	3	Security Focused Risk Management	3
Social/Behavioral Science Elective	3	Social Sciences/History Requirement	3
Creative Arts/ Language, Philosophy, Culture Elective	3	Humanities Requirement	3
ITSY 2401- Firewalls and Network Security	4	Technology Elective	4
Choose one: ITSY 2342- Incident Response and Handling or ITSY 2443- Computer System Forensics	3-4	Computer Forensics	3
Choose One: SPCH 1321-Business and Professional Communication +, SPCH 1311- Introduction to Speech Communication + OR SPCH 1315- Public Speaking +	3	Communications Requirement	3
ITSY 2330- Intrusion Detection	3	Technology Elective	3
Choose one: MATH 1314 - College Algebra +, MATH 1316 Plane Trigonometry +, MATH 241 2- Pre-Calculus Math+ or MATH 2413- Calculus I+	3-4	Arts & Sciences Requirement	3
ITSY 2372- Ethical Hacking	3	Cyber Attacks and Defense	3
ITSY 2459- Security Assessment and Auditing (Capstone)	4	Not Applicable	0
Total Credits Required for Associate	60	Total Credits Accepted from Associate	49

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

Tarrant County College Credits	Semester Hours	Excelsior College Requirements
BMGT 1505 - Communications in Management	3	Communications Requirement
ENGL 1302 - Composition II +	3	Written English Requirement
BMGT 1341 - Business Ethics	3	Ethics Requirement
Social Sciences/History Electives	6	Social Sciences/History Requirement
Natural Sciences Electives	3	Natural Sciences Requirement
BUSI 2305 - Business 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	1
IND 101: Cornerstone A (Foundations) OR IND 301: Cornerstone B (Pathways) (<i>MUST be completed with Excelsior</i>)	3
TECH 205 Discrete Structures	3
ELEC 202: Microprocessors OR IT 321: Computer Systems Architecture (Microprocessors OR 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
IT 360: Operating Systems (Operating Systems 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
IT 460: System Administration (System Administration Requirement)	3
CYS 496: Cybersecurity Capstone <i>NOTE: The Capstone MUST be completed at Excelsior</i>	3
Total Credits	34

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

Evaluation Summary	Semester Hours
Credits Accepted from Associate Degree	49
Additional Credits beyond the Associate Degree	37
Credits from Excelsior *	34
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.

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