

**Dallas College AAS Cyber Security Cyber Defense Emphasis
to Excelsior College B.S. Cybersecurity**
Revision: December 2019

This program plan outlines how students can transfer from the Dallas College AAS Cyber Security Cyber Defense Emphasis program to the Excelsior College B.S. Cybersecurity program. Upon completion of the AAS Cyber Security Cyber Defense Emphasis, the following credits will apply for students enrolling in the B.S. Cybersecurity program.

Dallas College Credits	Semester Hours	Excelsior College Requirements	Semester Hours
ENGL 1301 Composition I	3	English Requirement	3
ITCC 1414 CCNA 1: Introduction to Networks	3	Business Data Communications	3
MATH 1314 College Algebra	3	Arts and Science Elective	3
ITSC 1416 Linux Installation and Configuration	3	Systems Administration	3
POFI 1104 Computer Fundamentals	3	Free Elective	3
ITSY 1400 Fundamentals of Information Security	4	Technology Elective	4
ITMT 2405 Designing and Implementing a Server Infrastructure	4	Technology Elective	4
ITCC 1440 CCNA 2: Routing and Switching Essentials	4	Technology Elective	4
SPCH 1321 Business and Professional Communication	3	Communications Requirement	3
ITMT 1457 Administering a Windows Server Operating System	4	Technology Elective	4
ITSY 1442 Information Technology Security	4	Overview of Computer Security	4
ITSE 1429 Programming Logic and Design	4	Excess Credit	0
Humanities/Fine Arts Elective (040 or 050)	3	Humanities Requirement	3
ITSY 2401 Firewalls and Network Security	4	Network and Application Security	4
ITSC 2425 Advanced Linux	4	Excess Credit	0
ITSY 2472 Ethical Hacking and System Defense OR ITSY 2486 Internship Computer and Information Security	4	Cyber Attacks and Defense Requirement	4
Social/Behavioral Sciences Elective (060, 070 or 080)	3	Social Sciences/History Requirement	3
Total Credits Required for Associate	60	Total Credits Accepted from Associate	52

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

Dallas College Credits	Semester Hours	Excelsior College Requirements
ENGL 1302: Composition II	3	Written English Requirement
PHIL 2306: Introduction to Ethics	3	Ethics Requirement
Social Sciences/History Electives	6	Social Sciences/History Requirement
Natural Sciences Electives	3	Natural Sciences Requirement
MATH 2305: Discrete Math	3	Discrete Math Requirement
BUSI 2305: Statistics	3	Statistics Requirement
Arts & Sciences Electives	19	Arts & Sciences Requirement
Total Additional Credits	40	

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)	3

ELEC 202: Microprocessors OR IT 321: Computer Systems Architecture (Microprocessors OR Computer Architecture Requirement)	3
CYS 245: 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 450: Security Focused Risk Management (Security Focused Risk Management Requirement)	3
IT 360: Operating Systems (Operating Systems Requirement)	3
IT 406: Computer Forensics (Computer Forensics Requirement)	3
CYS 496: Cybersecurity Capstone <i>NOTE: The Capstone MUST be completed at Excelsior</i>	3
Total Credits	28

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

Evaluation Summary	Semester Hours
Credits Accepted from Associate Degree	52
Additional Credits beyond the Associate Degree	40
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.

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