

**Anne Arundel Community College A.A.S. Information Assurance and Cybersecurity: Security Option
to Excelsior College BS Information Technology, General Option**

Revision: January 2017

This program plan outlines how students can transfer from the **Anne Arundel Community College A.A.S. Information Assurance and Cybersecurity, Security** program to the **Excelsior College BS Information Technology, General** program. Upon completion of the **A.A.S. Information Assurance and Cybersecurity, Security**, the following credits will apply for students enrolling in the **BS Information Technology, General** program.

Anne Arundel Community College Credits	Semester Hours	Excelsior College Requirements	Semester Hours
ENG 111: Composition and Introduction to Literature 1*	3	Written English	3
ENG 112: Composition and Introduction to Literature 2*	3	Written English	3
MAT 137: College Algebra	3	Natural Sciences/Math elective	3
Biological and Physical Sciences	3	Natural Sciences/Math elective	3
Social and Behavioral Sciences	3	Social Sciences/History	3
Computer Technology (CTA 103: Theories and Applications of Digital Technology)	4	Free Elective	4
CTA 194: Ethics in the Information Age	3	Ethics	3
CTS 105: Microcomputer Operating Systems	3	Not applicable	0
CSI 132: Network Essentials	4	Free Elective	4
CTS 120: Intro to UNIX/LINUX	4	Operating Systems	4
CTS 130: Networking I	4	Data Communications & Networking	4
CTS 131: Networking 2	4	Technology Elective	4
CTS 140: Network Security Fundamentals	4	Overview of Computer Security	4
CTS 240: Advanced Network Defense	4	Technology Elective	4
CTS 242: Network Intrusion Detection and Penetration Testing	4	Technology Elective	4
CTS 234: Windows Server	4	Not applicable	0
CTS 222: UNIX/LINUX System Administration or CTS 170: Windows Server	3	Technology Elective	4
Total Credits Required for Associate	60	Total Credits Accepted From Associate	54

*It is recommended that students complete the AACC requirement using the option of a 6 credit, two-course sequence (ENG 111: Composition and Introduction to Literature 1 and ENG 112: Composition and Introduction to Literature 2 or ENG 115: Composition and Introduction to Literature for Non-native Speakers 1 and ENG 116: Composition and Introduction to Literature for Non-native Speakers 2) to fulfill Excelsior's Written English Requirement

Anne Arundel Community College Credits	Semester Hours	Excelsior College Requirements
COMM 110: Interpersonal Communication or COMM 111: Fundamentals of Oral Communication	3	Communications
Social Sciences or History	6	Social Sciences/History
Humanities	3	Humanities
MAT 135: Elementary Statistics	3	Math Elective
MAT 250: Discrete Structures	3	Discrete Math
Arts and Science Electives	24	Arts and Science Electives
CTP 145: Relational Database and SQL	3	Database Concepts
CTP 115: Introduction to Object Oriented Programming, Analysis and Design	4	Object Oriented Programming
Total Additional Credits	49	

Credits To Be Taken At Excelsior College *	
Excelsior College Requirements	Semester Hours
INL 102: Information Literacy	1
IT 460: System Administration	3
IT 371: Web Design and Development	3
IT 390: Project Management	3
IT 321: Computer Systems Architecture	3
IT 375: Human Computer Interactive Design	3
IT 495: Integrated Technology Assessment <i>NOTE: The Capstone MUST be completed at Excelsior</i>	3
Total Credits	19

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	54
Additional Credits Beyond the Associate Degree	49
Credits from Excelsior *	19
Total Credits Required for Bachelor's Degree	122

* Students are required to take a minimum of **12.00 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.