

**Montgomery College A.A.S. Cybersecurity
to Excelsior College B.S. Information Technology with a concentration in Cybersecurity**

Revision: June 2014

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

Montgomery College Credits	Semester Hours	Excelsior College Requirements	Semester Hours
ENGL 102: Critical Reading, Writing, and Research	3	Written English	3
Health Foundation	1 to 2	Free Electives	1 to 2
Mathematics Foundation (except MATH 117, taken below)	3	Natural Science/Math Electives	3 to 4
Speech Foundation	3	Communications	3
Arts or Humanities Distribution	3	Humanities	3
Behavioral and Social Sciences Distribution	3	Social Science/History	3
Natural Sciences Distribution with Lab	4	Natural Science	4
CMSC 110: Computer Concepts	3	Free Electives	3
NWIT 127: Microcomputer Control Programs	3	Free Electives	3
NWIT 151: Introduction to Networking	3	Data Communications and Networking	3
NWIT 173: Network Security	3	Technology Electives	3
NWIT 203: Microsoft Windows Server	3	Free Electives	3
NWIT 245: Hardening the Infrastructure	3	Technology Electives	3
NWIT 246: Network Defense and Countermeasures	3	Technology Electives	3
NWIT 252: Cisco Networking 2	3	Technology Electives	3
NWIT 253: Cisco Networking 3	3	Technology Electives	3
NWIT 254: Cisco Networking 4	3	Technology Electives	3
NWIT 290: Information Security Capstone	3	Free Electives	3
PHIL 142: Introduction to the Study of Ethics	3	Ethics	3
ENGL 101: Intro to College Writing	3	Written English	3
Total Credits Required for Associate's	60	Total Credits Accepted From Associate's	60

Credits Beyond The Associate's That Can Be Transferred OR Taken At Excelsior		
Montgomery College Credits	Semester Hours	Excelsior College Requirements
Social Science Electives	6	Social Science/History
MATH 117: Elements of Statistics	3	Math
Arts and Sciences Electives	23	Arts and Science Electives
CMSC 226: Intro to Object-Oriented Program. w/ C++	3	Object Oriented Programming
CMSC 260: Computer Security	3	Overview of Computer Security
NWIT 263: Introduction of Digital Forensics	3	Computer Forensics
CMSC 207: Introduction to Discrete Structures	3	Discrete Math
Total Additional Credits	44	

* Excelsior College requires credits in both College Algebra at the level of Pre-Calculus or above and Statistics. 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
IT 321: Computer System Architecture	3
IT 360: Operating Systems	3
IT 370: Database Management Systems	3
IT 390: Project Management	3
IT 418: Software Systems Analysis and Design	3
CYS 426: Cyber Attacks and Defenses	3
CYS 455: Business Continuity	3
CYS 456: Securing Mobile and Cloud Computing Environments	3
CYS 475: Large Scale Cybercrime and Terror	3
IT 495: Integrated Technology Assessment	3
<i>Note: The Capstone MUST be completed at Excelsior</i>	
INL 102: Information Literacy	1
Total Credits	31

* 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's Degree	60
Additional Credits Beyond the Associate's Degree	44
Credits from Excelsior *	31
Total Credits Required for Bachelor's Degree	135

* 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.