

**Anne Arundel Community College A.S. Computer Science
to Excelsior College BS Information Technology**
Revision: January 2017

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

Anne Arundel Community College Credits	Semester Hours	Excelsior College Requirements	Semester Hours
English*	6	Written English Requirement	6
Arts and Humanities (two different disciplines)	6	Humanities Elective	3
		Arts and Sciences Elective	3
Biological and Physical Sciences (two labs required)	8	Natural Sciences	3
		Arts and Sciences Elective	5
Computer Technology CTA 103 Theories and Applications of Digital Technology	4	Technology Elective	4
Health/Fitness/Wellness	3	not applicable	0
Mathematics (MAT 191: Calculus and Analytical Geometry I recommended -- prerequisites**)	4	Calculus I	4
Social and Behavioral Sciences (two different disciplines)	6	Social Sciences/History	6
MAT 192: Calculus and Analytic Geometry 2	4	Math Elective	4
MAT 202: Linear Algebra	4	Arts and Sciences Elective	4
MAT 250: Introduction to Discrete Structures	3	Discrete Math	3
CTP 150: Computer Science I	4	Technology Electives	4
CTP 115: Introductory Object-Oriented Program Analysis and Design	4	Object Oriented Programming	4
CTP 255: Computer Organization (recommended CTP 130, 230, 232, 255, 118, 120, 233, 255 or CTS 105)	3	Computer Systems Architecture	3
CTP 250: Computer Science 2	4	Free Electives***	4
Total Credits Required for Associate	63	Total Credits Accepted from Associate	62

* 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) in order to fulfill the 6 credit Excelsior Written English Requirement.

** 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.

*** Excelsior College has placed a 9-credit cap on the introductory programming language course in the information technology component.

Credits Beyond The Associate That Can Be Transferred OR Taken At Excelsior		
Anne Arundel Community College Credits	Semester Hours	Excelsior College Requirements
COM 110: Introduction to Interpersonal Communication	3	Communications
Social Sciences/History	3	Social Sciences/History
Natural Science	3	Natural Sciences
PHL/CSI 194: Ethics and the Information Age OR PHL 142: Ethics	3	Ethics
CSI 132: Network Essentials	4	Data Communications and Networking
CSI 133: Operating Systems	4	Operating Systems
CSI 165: Network Security Fundamentals	3	Introduction to Computer Security
CSI 172: Relational Databases and SQL	3	Database Concepts
Arts and Sciences Courses (as advised by Excelsior advisors)	7	Arts and Sciences Electives
Free Electives	4	Free Electives
Total Additional Credits	37	

* 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
INL 102: Information Literacy	1
IT 371: Web Design and Development	3
IT 460: System Administration	3
IT 390: Project Management	3
IT 495: Integrated Technology Assessment <i>NOTE: The Capstone MUST be completed at Excelsior</i>	3
Upper level technical electives	8
Total Credits	21

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	62
Additional Credits Beyond the Associate Degree	37
Credits from Excelsior *	21
Total Credits Required for Bachelor's Degree	120