

**Cayuga Community College A.A.S. Computer Information Systems  
to Excelsior College B.S. Information Technology**
**Revision: June 2016**

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

<b>Cayuga Community College Credits</b>	<b>Semester Hours</b>	<b>Excelsior College Requirements</b>	<b>Semester Hours</b>
ENGL 101: Freshman English I	3	Written English requirement	3
BUS 101: Principles of Accounting	4	Free Elective	4
BUS 225: Application Software	3	Free Elective	3
C.S. 120: Foundations of Computer Science	3	Technology Elective	3
MATH 104: College Algebra (or higher)	3	Math / Natural Science elective	3
CS 200: Programming in Visual Basic	3	Technology Elective	3
C.S. 225: Intro to Networks	3	IT*350, Data Communications Networking requirement	3
BUS 226: Advanced Micro. Application Software	3	Free Elective	3
Behavioral/Social Science Elective	3	Social Science / History requirement	3
ENGL 102: Freshman English II <b>OR</b> ENGL 270: Technical Writing	3	Written English requirement	3
Health or Physical Education	1	Free Elective	1
ENGL 221: Effective Speech: Public Address	3	Communications Requirement	3
BUS 103: Principles of Business	3	Not Applicable	0
C.S. 080: Microcomputer Maintenance	1	Not Applicable	0
CS 215: Systems Analysis and Design	3	Technology Elective	3
C.S. 222: Programming in C/C++	3	Technology Elective	3
Math/Science	3	Natural Science requirement or Arts and Science Elective	3
C.S. 219: Database Management Systems	3	IT*370, Database Concepts Requirement	3
C.S. 237: Internet Security	3	Technology Elective	3
C.S. 238: Java	3	IT*210, Object Oriented Programming Requirement	3
BUS 260: Intro to Project Management	3	IT*390, Project Management Requirement	3
Liberal Arts Elective	3	Arts and Science Elective	3
Health or Physical Education	1	Not Applicable	0
<b>Total Credits Required for Associate</b>	<b>64</b>	<b>Total Credits Accepted From Associate</b>	<b>59</b>

\* Excelsior College requires math courses at the level of college algebra or above. The Cyber Operations and Information Technology program includes a Statistics requirement. Depending on what the student takes at their home institution, they will need the other requirement for Excelsior College.

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

<b>Cayuga Community College Credits</b>	<b>Semester Hours</b>	<b>Excelsior College Requirements</b>
Art*101, Musi*111, Musi*101	3	Humanities Elective Requirement
Math*212	3	Discrete Structures Requirement
Math*214, Math*108,	3	Additional Math Requirement
Anth*101, Psy*101, Soc*101, Psci*102	6	Social Science / History Requirement
Phil*105	3	Ethics Requirement

Any course work in the the area of humanities, social sciences, history, mathematics and natural sciences	21	Arts and Science Elective requirement
<b>Total Additional Credits</b>	<b>39</b>	

\* Excelsior College requires math courses at the level of college algebra or above. The Cyber Operations and Information Technology program includes a Statistics requirement. Depending on what the student takes at their home institution, they will need the other requirement for Excelsior College.

<b>Credits To Be Taken At Excelsior College *</b>	
<b>Excelsior College Requirements</b>	<b>Semester Hours</b>
INL 102: Information Literacy	1
IT*321: Computer Systems Architecture	3
IT*360: Operating Systems	3
IT*371: Web Design and Development	3
IT*380: Computer Security	3
IT*375: Human Computer Interactive Design	3
IT*460 Systems Administration	3
IT*495: Capstone* NOTE: The Capstone MUST be completed at Excelsior	3
<b>Total Credits</b>	<b>22</b>

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

<b>Evaluation Summary</b>	<b>Semester Hours</b>
Credits Accepted from Associate Degree	59
Additional Credits Beyond the Associate Degree	39
Credits from Excelsior *	22
<b>Total Credits Required for Bachelor's Degree</b>	<b>120</b>

\* This assumes the student will choose the general concentration

\* 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.**

## 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.

<b>Humanities</b>
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

<b>Social Sciences and History</b>
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

<b>Natural Sciences and Mathematics</b>
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