

**Revision: May 2017**

This program plan outlines how students can transfer from the **Onondaga Community College A.A.S. Electrical Engineering Technology** program to the **Excelsior College BS Electrical Engineering Technology** program. Upon completion of the **A.A.S. Electrical Engineering Technology** program, the following credits will apply for students enrolling in the **BS Electrical Engineering Technology** program.

Onondaga Community College Credits	Semester Hours	Excelsior College Requirements	Semester Hours
ENG 103: Freshman Composition and Literature I	3	Written English	3
CMT 101: Introduction to Computers and Applications	4	Free Elective	4
ELT 141: Circuits I	4	Combined with ELT 142, Circuit Theory I and II with Lab	4
MAT 119: Mathematics for Technical Disciplines I	4	Mathematics Elective	4
MAT 120: Mathematics for Technical Disciplines II	3	Mathematics Elective	3
CMT 171: Digital Electronics	4	Digital Electronics with Lab	4
ELT 142: Circuits II	4	Combined with ELT 141, Circuit Theory I and II with Lab	4
ELT 161: Electronic Circuits I	4	Electronics I with Lab	4
ELT 261: Electronic Circuits II	4	Electronics II with Lab	4
CMT 190: Introduction to Microprocessors	4	Microprocessors with Lab	4
ELT Elective (200 level ELT course)	4	Technology Elective	4
ENG 104: Freshman Composition and Literature II <b>OR</b> SUNY Gen. Ed. Basic Communication COM Elective	3	Written English	3
ELT Elective (200 level ELT course)	4	Technology Elective	4
Career Elective	3	Free Elective	3
SUNY Gen. Ed. Natural Sciences with Lab	4	Natural Science Elective	4
Social Science Elective or PHI Elective	3	Physics I Recommended	3
General Elective	1	Free Elective	1
<b>Total Credits Required for Associate</b>	<b>60</b>	<b>Total Credits Accepted From Associate</b>	<b>60</b>

\* Excelsior College requires Math courses at the level of College Algebra and above, including Calculus I and II and Differential Equations. Depending on what the student takes at their home institution, they will need the other requirement for Excelsior College.

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

Onondaga Community College Credits	Semester Hours	Excelsior College Requirements
PHI 108: Ethics	3	Ethics
COM 101: Fundamentals of Communications	3	Communications
Social Sciences	9	Social Sciences
Humanities	3	Humanities
Arts and Sciences Electives	6	Arts and Science Electives
MAT 161: Calculus I	4	Calculus
PHY 104: General Physics II	4	Physics II with Lab
CHE 171: General Chemistry I	3	Chemistry
<b>Total Additional Credits</b>	<b>35</b>	

\* Excelsior College requires Math courses at the level of College Algebra and above, including Calculus I and II and Differential Equations. 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
TECH 202: Foundations of Technology Problem Solving	4
IT 390: Project Management	3
IT 210: Object Oriented Programming	3
Concentration Requirements: Choose from <b>ONE</b> of the following areas: Electronics, Power Systems, Nanotechnology	15
ELEC 495: Integrated Technology Assessment Capstone <i>NOTE: The Capstone MUST be completed at Excelsior</i>	3
<b>Total Credits</b>	<b>29</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.

Evaluation Summary	Semester Hours
Credits Accepted from Associate Degree	60
Additional Credits beyond the Associate Degree	35
Credits from Excelsior *	29
<b>Total Credits Required for Bachelor's Degree</b>	<b>124</b>

\* 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.

### 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