

**Onondaga Community College A.A.S. Electrical Technology  
to Excelsior College B.S. Electrical Engineering Technology**
**Revision: May 2020**

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

*This guide is only a sample scenario. Excelsior College reviews every student individually. Actual requirements will be dependent on the courses a student transfers and the application date with Excelsior.*

Onondaga Community College Credits	Semester Hours	Excelsior College Requirements	Semester Hours
ENG 103 Freshman Composition and Literature I	3	Written English Requirement	3
CMT 101 Introduction to Computers and Applications	4	Free Elective	4
ELT 141 Circuits I	4	DC Circuits Core	4
MAT 119 Mathematics for Technical Disciplines I	4	Arts & Sciences Requirement	4
MAT 120 Mathematics for Technical Disciplines II	3	Arts & Sciences Requirement	3
CMT 171 Digital Electronics	4	Digital Electronics Core	4
ELT 142 Circuits II	4	AC Circuits Core	4
ELT 161 Electronics I	4	Electronics I Core	4
ELT 261 Electronic Circuits II	4	Electronics II Core	4
CMT 190 Introduction to Microprocessors	4	Microprocessors Core	4
ELT Elective (200 level ELT course)	8	Technology Elective	8
ENG 104 Freshman Composition and Literature II <b>OR</b> Basic Communication COM Elective	3	Written English Requirement <b>OR</b> Communications Requirement	3
Career Elective	3	N/A	0
Natural Sciences with Lab	4	Arts & Sciences Requirement	4
Social Science Elective <b>OR</b> PHI Elective <i>Recommend PHI 120: Ethics in Engineering and Technology</i>	3	Ethics Requirement	3
General Elective	1	N/A	0
<b>Total Credits Required for Associate</b>	<b>60</b>	<b>Total Credits Accepted from Associate</b>	<b>56</b>

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

Onondaga Community College Credits	Semester Hours	Excelsior College Requirements
Communications Elective	3	Communications Requirement
Humanities Electives	3	Humanities Requirement
Social Sciences/History Electives	9	Social Sciences/History Requirement
MAT 161: Calculus I	3	Calculus I Requirement
MAT 162: Calculus II	3	Calculus II Requirement
MAT 264: Differential Equations	3	Differential Equations Requirement
Choose one of the following sequences: PHY 103 and PHY 104 <b>OR</b> PHY 105 and PHY 205	6	Physics I Requirement <b>AND</b> Physics II Requirement
CHE 103: General Chemistry I	3	Chemistry I Requirement
Arts & Sciences Electives	5	Arts & Sciences Requirement
<b>Total Additional Credits *</b>	<b>38</b>	

## Credits To Be Taken At Excelsior College \*

Excelsior College Requirements	Semester Hours
INL 102: Information Literacy ( <i>MUST be completed with Excelsior</i> )	1
IND 301: Cornerstone B (Pathways) ( <i>MUST be completed with Excelsior</i> )	3
IT 240: Introduction to Programming (Computer Programming Core)	3
IT 390: Project Management (Project Management Core)	3
Technology Electives	2
Concentration Electives Choose <b>ONE</b> concentration area	15
ELEC 495: Integrated Technology Assessment Capstone ( <i>MUST be completed with Excelsior</i> )	3
<b>Total Credits</b>	<b>30</b>

\*All coursework, except where noted, may be completed at Excelsior or transferred from another accredited institution.

Evaluation Summary	Semester Hours
Credits Accepted from Associate Degree	56
Additional Credits beyond the Associate Degree	38
Credits from Excelsior *	30
<b>Total Credits Required for Bachelor's Degree</b>	<b>124</b>

\* Students are required to take a minimum of **12.00 online course credits** from Excelsior to qualify for partner pricing.

## 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