

**College of Southern Maryland A.A.S. in Engineering Technology
to Excelsior College B.S. Electrical Engineering Technology**
Revision: Decemeber 2020

This program plan outlines how students may transfer from the **College of Southern Maryland A.A.S. in Engineering Technology** program to the **Excelsior College B.S. Electrical Engineering Technology** program. Upon completion of the **A.A.S. in Engineering 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.

College of Southern Maryland Credits	Semester Hours	Excelsior College Requirements	Semester Hours
ENG 1010- Composition & Rhetoric	3	Written English Requirement	3
MTH 1011- Mathematics for Technologies I	4	Arts & Sciences Requirement	4
ELT 1010- DC Electronics	3	Circuit Theory DC Core Requirement	3
ENE 1035- Discrete Control Systems	3	Free Elective	3
CHE 1050- Introductory Chemistry	3	Chemistry Requirement	3
MTH 1012- Mathematics for Technologies II	3	Arts & Sciences Requirement	3
PHY 1010- Fundamentals of Physics I	3	Physics I Requirement	3
ELT 1020- AC Electronics	3	Circuit Theory II AC Circuits Core	3
ENE 1040- Basic Power Plant Principles	3	Excess Credit	0
ENE 1030- Motors, Generators, and Industrial Systems	3	Technology Elective	3
ENE 2010- Boiler, Reactor, and Turbine Principles	3	Excess Credit	0
ENE 2020- Thermodynamics and Heat Exchangers	3	Excess Credit	0
ENE 2030- Measurement Theory	3	Technology Elective	3
ENE 2070- Process Control and Communications	3	Technology Elective	3
Social/Behavioral Sciences	3	Social Sciences/History Requirement	3
Arts & Humanities	3	Humanities Requirement	3
ELT 2022- Computer Logic and Programmable Logic Controllers	4	Technology Elective	4
ENE 1080- Pneumatics and Hydraulics	4	Excess Credit	0
ENE 2050- Pumps, Valves, and Their Applications	4	Excess Credit	0
Total Credits Required for Associate	61	Total Credits Accepted from Associate	44

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

College of Southern Maryland Credits	Semester Hours	Excelsior College Requirements
ENG 1020: Composition II	3	Written English Requirement
Communications Elective	3	Communications Requirement
PHL 1430: Business Ethics	3	Ethics Requirement
Social Sciences/History Electives	6	Social Sciences/History Requirement
MTH 1200: Calculus I and Analytic Geometry	3	Calculus I Requirement
MTH 1210: Calculus II	3	Calculus II Requirement
MTH 2210: Differential Equations	3	Differential Equations Requirement
Natural Sciences Elective	3	Natural Sciences Requirement
PHY 1020: Physics II	3	Physics II Requirement
Arts & Sciences Electives	10	Arts & Sciences Requirement

Total Additional Credits *	40
-----------------------------------	-----------

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
ELEC 160: Electronics I (Electronics I Core)	3
ELEC 161: Electronics II (Electronics II Coe)	3
ELEC 201: Digital Electronics (Digital Electronics Core)	3
ELEC 202: Microprocessors (Microprocessors Core)	3
IT 240: Introduction to Programming (Computer Programming Core)	3
IT 390: Project Management (Project Management Core)	3
Concentration Electives Choose ONE concentration area	15
ELEC 495: Integrated Technology Assessment Capstone (<i>MUST be completed with Excelsior</i>)	3
Total Credits	40

*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	44
Additional Credits beyond the Associate Degree	40
Credits from Excelsior *	40
Total Credits Required for Bachelor's Degree	124

* 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