

**Community College of Vermont A.S. STEM Studies
to Excelsior College B.S. Electrical Engineering Technology**
Revision: May 2020

This program plan outlines how students may transfer from the **Community College of Vermont A.S. STEM Studies** program to the **Excelsior College B.S. Electrical Engineering Technology** program. Upon completion of the **A.S. STEM Studies**, 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.

Community College of Vermont Credits	Semester Hours	Excelsior College Requirements	Semester Hours
INT 1050: Dimensions of Self & Society	3	N/A	0
Technological Literacy Complete any 3-credit course in: CIS 1040 and above OR ART 1210	3	Technology Elective	3
Communication Elective	3	Communications Requirement	3
ENG 1061: English Composition	3	Written English Requirement	3
Mathematic Elective <i>Complete 1 of the following: MAT 1030, 1221, 1230, 1330, 1531, 2021, 2532</i>	3-4	Mathematics Requirement	3
Research & Writing Intensive <i>Complete 1 of the following: ENG 1020, 1062, 1310, 2050, 2145</i>	3	Written English Requirement	3
Scientific Method	3-4	Natural Science Requirement	3
Human Expression <i>Complete any 3-credit course in: ART, ARH, DAN, ENG above 1300, FLM, foreign language, HUM, MUS, PHI, THA or COM 1045</i>	3	Humanities Requirement	3
Human Behavior <i>Complete any 3-credit course in: ANT, ECO, GEO, HIS, POS, PSY, SOC, or SSC 1010</i>	3	Social Science/History Elective	3
Global Perspectives & Sustainability	3	Arts & Sciences Requirement	3
HUM 2010: Seminar in Educational Inquiry	3	N/A	0
ENG 2135: Technical Writing & Research	3	Arts and Science Elective	3
INT 2860: Professional Field Experience	3	N/A	0
Natural Science w/lab Recommend: CHE 1031 - General Chemistry I	4	Chemistry I Requirement AND Arts & Sciences Requirement	4
Electives <i>Recommend: MAT 1531-Calculus I AND PHY 1041-Physics I AND PHY 1042-Physics II AND PHI 1040: Introduction to Ethics AND 4 credit Arts & Sciences elective</i>	16	Calculus I Requirement AND Physics I Requirement AND Physics II Requirement AND Ethics Requirement AND Arts & Sciences Requirement	19
Total Credits Required for Associate	63	Total Credits Accepted from Associate	53

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

Community College of Vermont Credits	Semester Hours	Excelsior College Requirements
Social Sciences/History Electives	6	Social Sciences/History Requirement
PHI 1040: Introductions to Ethics	3	Ethics Requirement
Total Additional Credits *	9	

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
TECH 202: Calculus II	4
ELEC 152: Circuit Theory I (DC Circuits Core)	4
ELEC 153: Circuit Theory II (AC Circuits Core)	4
ELEC 160: Electronics I (Electronics I Core)	4
ELEC 161: Electronics II (Electronics II Coe)	4
ELEC 201: Digital Electronics (Digital Electronics Core)	4
ELEC 202: Microprocessors (Microprocessors Core)	4
IT 240: Introduction to Programming (Computer Programming Core)	3
IT 390: Project Management (Project Management Core)	3
Electrical Technology Electives	6
Concentration Electives Choose ONE concentration area	15
ELEC 495: Integrated Technology Assessment Capstone (<i>MUST be completed with Excelsior</i>)	3
Total Credits	62

*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	53
Additional Credits beyond the Associate Degree	9
Credits from Excelsior *	62
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