

**Richmond Community College AAS Electric Utility Substation and Relay Technology
to Excelsior College BPS in Technology Management, Electrical Technology**
Revision: March 2018

This program plan outlines how students can transfer from the **Richmond Community College AAS Electric Utility Substation and Relay Technology** program to the **Excelsior College BPS in Technology Management, Electrical Technology** program. Upon completion of the **AAS Electric Utility Substation and Relay Technology**, the following credits will apply for students enrolling in the **BPS in Technology Management, Electrical Technology** program.

Richmond Community College Credits	Semester Hours	Excelsior College Requirements	Semester Hours
ACA122: College Transfer Success	1	Not Applicable	0
CIS110: Introduction to Computers	3	Computer Applications Core	3
ELC131: Circuit Analysis I	4	Concentration	4
ENG111: Writing and Inquiry	3	Written English	3
EUS110: Intro to Electric Utility Industry	4	Free elective	4
MAT171: Precalculus Algebra	4	Mathematics	4
ELC117: Motors and Controls (4) or ELN231: Industrial Controls (3)	3 to 4	Free elective	3 to 4
ENG112: Writing/Research in the Disciplines	3	Written English	3
EUS130: Electric Utility Print Reading	4	Free elective	4
EUS210: Large High Volume Power Transformers I	3	Free elective	3
MAT172: Precalculus Trigonometry	4	Mathematics Elective	4
PHY122: Applied Physics II	4	Natural Sciences	4
ECO252: Principles of Macroeconomics	3	Social Sciences	3
ELN229: Industrial Electronics	4	Free elective	4
EUS215: Large High Volume Voltage Power Transformers II	3	Technology elective	3
EUS225: Electric Utility Safety and Human Performance	2	Free elective	2
EUS230: Electric Utility Protective Relaying I	3	Technology elective	3
EUS240: Substation Ancillary Systems	3	Free elective	3
ELC128: Intro to Programmable Logic Controller	3	Free elective	3
EUS220: High Voltage Power Circuit Breakers	3	Free elective	3
EUS235: Electric Utility Protective Relaying II	3	Technology elective	3
EUS255: Electric Utility, Substation and Relay Troubleshooting	2	Technology elective	2
EUS260: Caps and Case Studies in EUSRT	2	Free elective	2
Humanities/Fine Arts Elective	3	Humanities	3
Total Credits Required for Associate	74 to 75	Total Credits Accepted from Associate	73 to 74

* 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

Richmond Community College Credits	Semester Hours	Excelsior College Requirements
ACC115: College Accounting	3	Accounting Core
BUS137: Principles of Management	3	General Management Core
PMT110: Intro to Project Management	3	Project Management Core
General Education**	6	Additional Credit Component
Total Additional Credits	15	

* Excelsior College requires Math courses at the level of College Algebra or above.

** Consult transfer advisor for course approvals

Credits To Be Taken At Excelsior College *

Excelsior College Requirements	Semester Hours
INL 102: Information Literacy	1
Upper Level Humanities	3
Upper Level Ethics (COMM335: Ethics in Communication)	3
Upper Level Social Sciences / History	3
BUS452: Business Leadership	3
TECH230: Technology and Society	3
TECH330: Economic Analysis for Technologists	3
Upper Level Technology Elective (Concentration)	3
Upper Level Free Elective (Arts and Sciences, Business or any approved free elective area)	6
TECH490: Technology Management Capstone: Integrated Technology Assessment <i>NOTE: The Capstone MUST be completed at Excelsior</i>	3
Total Credits	31

* 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	74
Additional Credits beyond the Associate Degree	15
Credits from Excelsior *	31
Total Credits Required for Bachelor's Degree	120

* Students are required to take a minimum of **12.00 online course 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