

Dutchess Community College A.A.S. Electrical Technology

Bachelor of Science in Electrical Engineering Technology

This program plan outlines how students can apply their Dutchess Community College A.A.S. Electrical Technology to Excelsior University's B.S. in Electrical Engineering Technology degree program.

This is only a guide in how credits will transfer into an Excelsior degree program. **Actual transferability of credits are dependent upon current Excelsior degree requirements and policies upon the date a student is admitted to Excelsior.**

All students will be reviewed individually as it relates to the transferability of credits into an Excelsior degree program.

Revision: October 2022

Dutchess Community College Credits	Semester Hours	Excelsior University Requirements	Semester Hours
Mathematics Elective	3	Calculus I Requirement	4
ENG 101: Composition I	3	Written English Requirement	3
ELT 105: DC Circuits	3	Circuit Theory I Core	3
ELT 107: Intro to Programming for Automation	3	Introduction to Computer Programming Core	3
BHS 103: Social Problems in Today's World	3	Social Sciences/History Requirement	3
Mathematics Elective	3	Calculus II Requirement (Recommend MAT 222: Calculus II)	4
ENG 102: Composition II	3	Humanities Requirement	3
ELT 106: AC Circuits	3	Circuit Theory II Core	3
ELT 108: Electronics I	3	Electronics I Core	3
ELT 115: Digital Fundamentals	3	Digital Electronics Core	3
ELT 122: Manufacturing Tools and Practices	3	Technology Elective	3
ELT 218: Electronics II	3	Electronics II Core	3
PHY 121: General Physics I	4	Physics I AND Physics I Lab AND Arts & Sciences Requirement	4
ELT 213: Electro-Mechanical Devices	3	Technology Elective	3
American History	3	Arts & Sciences Requirement	3
ELT 216: Automation Systems	3	Technology Elective	3
ELT 250: ELT Capstone Project	2	N/A	0
Free Elective	3	Applied Professional Requirement	3
CHE 111: Introduction to Chemistry I OR CHE 121: General Chemistry I OR PHY 122: General Physics II	4	Chemistry Requirement	4
Technical Elective	3	Technology Elective	3
ENT 131: Technical Drawing	1	Excess Credit	0
TOTAL CREDITS REQUIRED	62	TOTAL CREDITS ACCEPTED	61

Additional Credits That May Be Transferred OR Taken With Excelsior

Dutchess Community College Credits	Semester Hours	Excelsior University Requirements	
Communications Elective	3	Communications Requirement	
PHI 205: Introduction to Ethics	3	Ethics Requirement	
Mathematics Elective	3	Mathematics Requirement (College Algebra or Above)	
MAT 224: Differential Equations	4	Differential Equations Requirement	
PHY 122: General Physics II	4	Physics II Requirement	
Arts & Sciences Elective	9	Arts & Sciences Requirement	
TOTAL ADDITIONAL CREDITS			26

Credits To Be Taken With Excelsior University

INL 102: Information Literacy	1	
IND 101: Cornerstone A (Foundations) OR IND 301: Cornerstone B (Pathways)	3	
ENG 312 Professional and Technical Writing	3	
ELEC 202: Microprocessors	3	
IT 390: Project Management	3	
Technology Electives	6	
Concentration Electives (9 upper level)	15	
ELEC 495: Integrated Technology Assessment Capstone	3	
TOTAL CREDITS		37

EVALUATION SUMMARY		Semester Hours
Credits Accepted from Dutchess Community College		61
Additional Credits That May Be Transferred OR Taken With Excelsior		26
Credits To Be Taken With Excelsior		37
TOTAL CREDITS REQUIRED		124

* All credits with the exception of information literacy, cornerstone, and capstone may be transferred from other institutions.

* Students must choose from one of the following concentrations: Electronics, Power Systems

* Excelsior University 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.

