

**electrical training ALLIANCE Inside Core Curriculum to
Excelsior College Bachelor of Science in Electrical Engineering Technology, Electronics Conc.**

This program plan outlines how students can transfer credits from the **electrical training ALLIANCE Inside Core Curriculum** to the **Excelsior College B.S. in Electrical Engineering Technology, Electronics Concentration** degree program.

electrical training ALLIANCE	Semester Hours	Excelsior College Requirements	Semester Hours
First Year Inside Core Curriculum: 08/01/2012 - 04/30/2017			
Direct Current (DC) Circuits	1	Does not apply	0
DC Measurements	1	Does not apply	0
Second Year Inside Core Curriculum: 08/01/2013 - 04/30/2017			
Alternating Current Electrical Circuits	1	Does not apply	0
Electric Circuits Lab	2	Does not apply	0
Electrical Safety	1	Technical Elective	1
Transformers	1	Does not apply	0
Blueprint Reading	1	Free Elective	1
Electrical Measurements	1	Does not apply	0
National Electrical Code	1	Free Elective - Excess Credit	0
Third Year Inside Core Curriculum: 08/01/2013 - 04/30/2017			
Fundamentals of Transformers	1	Does not apply	0
Electrical Safety	1	Free Elective - Excess Credit	0
Codes and Practices	1	Free Elective - Excess Credit	0
AC Theory	2	Does not apply	0
Fourth Year Inside Core Curriculum: 08/01/2017 - 04/30/2017			
Alternating Current (AC) Motors	1	Does not apply	0
AC Circuits 2	2	Does not apply	0
Motor Control Laboratory	1	Technical Elective	1
Motor Control Circuits	3	Technical Elective	3
Digital Electronics Fundamentals and Lab	1	Does not apply	0
Electrical Construction Field Experience 4	1	Free Elective	1
National Electrical Code 4	1	Free Elective	1
Fifth Year Inside Core Curriculum: 08/01/2013 - 04/30/2017			
Codes and Standards	3	Technical Elective	3
Industrial Wiring	3	Technical Elective - Excess Credit	0
Electro-mechanical Controls	3	Does not apply	0
Alternative Energy Systems	2	Technical Elective	2
Network Cabling Systems	2	Technical Elective	2
Fire Alarm and Security Systems	1	Free Elective	1
Total Credits earned at etA	39	Total Credits Accepted From etA	16

Credits To Be Taken At Excelsior College *

Excelsior College Requirements	Semester Hours
Written English	6
Communications	3
Humanities Elective	3
Ethics	3
CCS*120: EC Success Seminar	3
Social Science/History Electives	6
MAT 114: Intermediate Algebra	3
MAT 116: Precalculus Algebra	3
MAT*118: Trigonometry	3
TECH 201: Foundations of Technology Problem Solving I	4
TECH 202: Foundations of Technology Problem Solving II	4
PHYS 201: Physics I	3
PHYS 203: Physics II	3
PHYS 204: Physics II Lab	1
CHE 101: General Chemistry I	3
Arts and Science Electives	9
ELEC 152: Circuit Theory I	4
ELEC 153: Circuit Theory II	4
ELEC 160: Electronics I	4
ELEC 161: Electronics II	4
ELEC 201: Digital Electronics	4
ELEC 202: Microprocessors	4
IT 240: Introduction to Programming	3
IT 390: Project Management	3
ELEC 331: Digital and Analog Communications	3
ELEC 306: Advanced Digital Design	3
IT 250: Business Data Communications	3
ELEC 321: Control Systems	3
ELEC 307: Microcontrollers	3
ELEC 495: Integrated Technology Assessment (capstone)	3
Total Credits	108

The above credits (with the exception of the **Capstone** course) may also be transferred in or taken at another regionally accredited institution.

Evaluation Summary	Semester Hours
Credits Accepted from electrical training ALLIANCE	16
Credits from Excelsior *	108
Total Credits Required for Bachelor Degree	124

* Students are required to take a minimum of **12.00 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.