



First Semester (16 Hours)

Program Requirements		Hours	✓	General Education Courses		Hours	✓
FULL	CNS 1263 Construction Blueprints & Specifications	3		ORIE 1011 College Strategies	1		
	ECNT 1013 Introduction to the Electrical Trades	3		MATH 1493 Math for Critical Thinking ^{*⊕} OR MATH 1513 Pre-Calculus [⊕]	3		
	ECNT 1103 DC & AC Circuit Analysis	3					
	ECNT 1113 Basic Electrical Wiring Methods	3					
				COWBOY UP! New Student Orientation	0		

Second Semester (18 Hours)

Program Requirements		Hours	✓	General Education Courses		Hours	✓
1st	CNS 1213 Construction Safety OSHA 30 Hour	3					
	CNS 2413 Mechanical Systems	3					
	ECNT 1233 Electrical Motors & Controls Prerequisite: ECNT 1103	3					
	ECNT 1253 Electrical Wiring Methods I - Residential	3					
2nd	CNS 2806 Construction Internship Prerequisites: School Dean's approval and a 2.5 GPA or higher	6					

Third Semester (15 Hours)

Program Requirements		Hours	✓	General Education Courses		Hours	✓
FULL	ECNT 1213 Alternative Energy Prerequisite: ECNT 1103	3		CS 1013 Computer Literacy & Applications	3		
	ECNT 1313 National Electrical Codes Prerequisite: ECNT 1253	3					
	ECNT 2473 Electrical Wiring Methods II - Commercial Prerequisite: ECNT 1253	3					
	ECNT 2613 PLCs for Electricians Prerequisite: ECNT 1233	3					

Fourth Semester (15 Hours)

Program Requirements		Hours	✓	General Education Courses		Hours	✓
FULL	ECNT 2123 Electrical Calculations Prerequisites: ECNT 1233 and ECNT 2473	3		ENGL 1033 Technical Writing I ^{*⊕} OR ENGL 1113 Freshman Composition I [⊕]	3		
	ECNT 2203 Testing & Commissioning Prerequisite: ECNT 1233	3					
	ECNT 2213 Electrical Motors & Controls II Prerequisite: ECNT 1233	3					
	ECNT 2533 Electrical Wiring Methods III - Industrial Prerequisites: ECNT 1253 and ECNT 2473	3					

FULL = Full Semester Class | 1st = First Half Class | 2nd = Second Half Class

* Recommended

⊕ Corequisite strategies course available. See advisor for details.

Fifth Semester (12 Hours)

		Program Requirements		Hours	✓	General Education Courses		Hours	✓
1st		CNS 2906 Construction Internship Prerequisites: School Dean's approval and a 2.5 GPA or higher		6					
	2nd	ECNT 2603 Electrical Capstone Experience Prerequisites: ECNT 1253, ECNT 2473, ECNT 2533 and one internship		3					
		SEIM 1233 Instrumentation & Controls		3					

Sixth Semester (12 Hours)

		Program Requirements		Hours	✓	General Education Courses		Hours	✓
FULL		Approved Technical Elective Consult with advisor for an approved list of electives.		3		HIST 1483 US History to 1865 <u>OR</u> HIST 1493 US History since 1865		3	
						POLS 1113 US Government		3	
						SPCH 1113 Intro to Speech Communications* <u>OR</u> SPCH 2313 Small Group Communications		3	

FULL = Full Semester Class | 1st = First Half Class | 2nd = Second Half Class

* Recommended

⊕ Corequisite strategies course available. See advisor for details.

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