

TSCC Degree Pathway – Electrical Technology- Electrical Technician <i>Complete College America</i> <i>(12 + 12 + 6 = 30)</i>	FACULTY ADVISOR/INSTRUCTOR/COORDINATOR Ed Abrasley 334-420-4369 eabrasley@trenholmstate.edu
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This degree pathway document serves as an advising resource and course guide for faculty and students. Students are strongly advised to enroll in any required Math or English courses during the first semester. Course offerings are subject to change based on availability during any semester and final enrollment numbers.

Semester 1				MINIMUM 12 CREDIT HOURS
Course Name	Credit Hours	Contact Hours	Area	Course Notes
ENG101 – English Comp I	3	3	I	
MTH 100- Intermediate Algebra	3	3	III	
ELT 108- DC Fundamentals	3	7	V	
ELT 110 – Wiring Methods	3	7	V	
4 Class Total	12	20		
ORI 101 – Orientation to College	1	1	V	
5 classes total	13	21		

Semester 2				MINIMUM 12 CREDIT HOURS
Course Name	Credit Hours	Contact Hours	Area	Course Notes
MTH 104 – Plan Trigonometry	3	3	III	
ELT 112 – Concepts of Alternating Current	5	9	V	
CIS 146 – Microcomputer Applications	3	3	V	
ELT 114- Residential Wiring I	3	5	V	
4 Classes Total	14	20		
5 Classes Total				

Summer Semester				
Course Name	Credit Hours	Contact Hours	Area	Course Notes
ELT 104 – Distribution Systems	3	5	V	
ADM 111- Manufacturing Safety	3	3	V	
2 Classes Total	6	8		
ELT 231 Programmable Control I	3	5	V	
3 Classes Total	9	13		

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Semester 4				MINIMUM 12 CREDIT HOURS
Course Name	Credit Hours	Contact Hours	Area	Course Notes
ADM 101 – Precision Measurement	3	3	V	
ELT 117 – AC/DC Machines	3	7	V	
ELT 118 – Commercial/Ind. Wiring I	3	7	V	
ELT 119 – Concepts of Solid-State Elec	5	9	V	
4 Class Total	14	26		
MUS 101 – Music Appreciation	3	3	II	
5 classes total	17	29		

Semester 5				MINIMUM 12 CREDIT HOURS
Course Name	Credit Hours	Contact Hours	Area	Course Notes
PSY 200 – General Psychology	3	3	IV	
ILT 179 – Wireless Comm. Devices	3	5	V	
ELT 121 – Concept of Digital Elec.	5	9	V	
ELT 209 – Motor Controls I	3	7	V	
4 Classes Total	14	24		
ELT 232 – Adv. Programmable Cntrl.	3	5	V	
5 Classes Total	17	29		

Summer Semester				MINIMUM 6 CREDIT HOURS
Course Name	Credit Hours	Contact Hours	Area	Course Notes
ELT 212 – Motor Controls II	3	7	V	
ELT 241 – National Electrical Code	3	3	V	
2 Classes Total	6			
ELT 234 – PLC Applications	3	10	V	
3 Classes Total	9	20		