

Career-Technical Education Accelerated Associate of Applied Science Degree Plan

INDUSTRIAL ELECTRICITY TECH. PROGRAM CHECK SHEET | ELTT Major | CIP Code: 46.0302

GREENVILLE CAMPUS

Industrial Electricity Technology is a program of study that prepares individuals to install, operate, maintain, and repair electrically-energized systems such as residential, commercial, industrial electric wiring, DC and AC motors, controls, and electrical distribution panels. Instruction in the use of test equipment is included.

Admission Requirements

A minimum ACT score of 15 is required or applicants must score at the 9th grade level on the TABE Form 9/10 to be admitted to the program. Exceptions may be made with instructor permission for students who do not meet entrance requirements provided the student meets the requirements by the end of the second semester or has a 2.0 grade point average.

REQUIRED COURSES:	Prev. Taken	FALL 20__	SPRING 20__	FALL 20__	SPRING 20__
FIRST SEMESTER FRESHMAN					
ELT 1183 Industrial Wiring	3 hrs.				
ELT 1143 AC/DC Circuits	3 hrs.				
IMM 1813 Industrial Electricity	3 hrs.				
ROT 2613 Mechanical Systems	3 hrs.				
ELT 1263 Electrical Drawings & Schematics	3 hrs.				
SECOND SEMESTER FRESHMAN					
IMM 1823 Industrial Electricity	3 hrs.				
ELT 1223 Motor Maintenance/Troubleshooting	3 hrs.				
IMM 1483 Industrial Control Systems	3 hrs.				
ELT 1273 Switching Circuits	3 hrs.				
ELT 1133 Intro to the NEC	3 hrs.				
ELT 1192 Fundamentals of Electricity	2 hrs.				
FIRST SEMESTER SOPHOMORE					
ELT 1613 Prin. of Hydraulics & Pneumatics	3 hrs.				
ELT 2113 Equipment Maintenance/Troubleshooting, and Repair	3 hrs.				
ELT 2423 Solid State Motor Control	3 hrs.				
ELT 2613 Programmable Logic Controllers	3 hrs.				
ELT 1163 Drafting for Electrical Technology	3 hrs.				
SECOND SEMESTER SOPHOMORE					
Math/Natural Science Elective (MAT, BIO, CHE, or PHY)	3 hrs.				
ENG 1113 English Composition I or ENG 1033 Technical English	3 hrs.				
Social/Behavioral Science Elective (SOC 2113 or PSY 1513)	3 hrs.				
SPT/COM 1113 Public Speaking	3 hrs.				
Humanities/Fine Arts Elective (HIS, ENG Literature, ART 1113, or MUS 1113)	3 hrs.				
TOTAL HOURS:	62 HRS.				
NOT ALL COURSES ARE REQUIRED IF TRANSFERRING TO AN INSTITUTION OF HIGHER LEARNING.	Total Hours 62				
	Advisor Initials				
	Date				