



Electrical Trades

(Electrical Major-Inside Wireman Pathway)

Electrical Trades Inside Wireman is a highly in-demand career field with the potential for promotion within the industry. In this program, students will learn the ins and outs of the electrical field, from wiring an outlet to the distribution of power throughout commercial facilities. Students study AC and DC theory, bending conduit, electrical motor controls, use of hand tools, health and safety, and more. This two-year, state of Ohio recognized, pre-apprenticeship program provides students with a year of training in post-secondary apprenticeship programs, OSHA 10 certificate, First Aid, and CPR.

COURSE NAME	TECHNICAL SKILL ASSESSMENT (DE)	POTENTIAL INDUSTRY CREDENTIALS	POTENTIAL COLLEGE CREDIT
Construction Electrical Systems	Construction Electrical Systems (178007)	Ohio State Apprenticeship Council Recognized Pre-Apprenticeship Program Certificate of Completion (12)	<u>Independent Electrical Contractors Apprenticeship</u> - 8 credits (AC) APPL 1010: Introduction to Electricity APPL 1110: Electricity: DC Principles APPL 1113: Electricity: AC Principles APPL 1710: OSHA 10-Hour Safety & Health
Construction-Core and Sustainable Construction	Construction Technology Core (178000)	Electrical Training Alliance Interim Credential (12)	
Residential Electrical Systems	Residential Electrical Systems (178008)	OSHA 10 (1)	
Commercial and Industrial Construction Electrical Systems	Commercial and Industrial Construction Electrical (178009)	CPR First Aid (1) Allen Bradley/Rockwell Automation Programmable Logic Control (PLC) Certification (6)	

Articulated Credit (AC)
 Career-Technical Credit Transfer (CTAG)
 College Credit Plus (CC+)