CRAWFORD TECH
Crawford County Career & Technical Center

Electrical Occupations Instructional Sequence Chart

	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
Year 1 Residential	• Construction Safety • Basic Theory • Basic Circuits • Hand Tools	• 100- and 200-Amp Overhead Service • Overcurrent Protection Devices • Subpanel and Generator Panel Wiring • Construction Math	• Residential Construction Wiring • Residential Codes • Reading Residential Blueprints	• Wiring in Finished Walls • Designing Residential Blueprints • Residential Electrical Repairs
Year 2 Commercial	• Electrical Construction Safety • Intermediate Electrical Theory • Basic EMT Conduit Bending and Installation	• Advanced EMT Conduit Bending and Installation • Electrical Calculations • Commercial National Electrical Codes	• Flexible Commercial Raceways (MC, FMC, LFMC, SOOW) • Wiring in Metal Studs	• Low Voltage Communication Systems • Low Voltage Cabling
Year 3 Industrial	• Industrial Electrical Safety • Advanced Electrical Theory • Introduction to Motor Controls and Line Diagrams	• Intermediate Industrial Motor Control Wiring • Rigid Metal Conduit Bending and Installation • Industrial Electrical Calculations	• Advanced Industrial Motor Control Wiring • PLC / VFDs • PVC Conduit Bending and Installation • Underground Service Installation	• Advanced National Electrical Code • Alternative Energy Sources • Senior Portfolio / Resume and Career Exploration