REMEMBER TO REGISTER EARLY

ro ra D r p on

The Commercial and Residential Wiring diploma program teaches students to install, operate, and repair electrical systems. Students also learn to install wiring in buildings and to make power connections from an outside source. Training in the program includes simulated residential, commercial, and industrial settings. Also covered will be DC and AC motor controls, electrical distribution panels, and testing equipment.

Students become familiar with digital applications, analog solid state, and programmable controllers that are used within industrial settings throughout the nation.
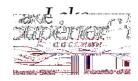
This diploma transfers seamlessly into an AAS degree (82 credits) in Commercial and Residential Wiring.

ro ra o

- Have a working knowledge and understanding of the National Electrical Code (NEC)
- Have a working knowledge of safety issues relating to the electrical industry and workplace
- Understand and be able to perform tasks relating to residential wiring
- Understand and be able to perform tasks relating to commercial wiring
- Understand and be able to perform tasks relating to industrial wiring

q r l Co r

r	a	Cr l	r
ELTN 1406	DC Electricity	4	
ELTN 1408	AC Electricity	4	
ELTN 1412	Digital Electronics	2	
ELTN 1422	Media and Cabling	2	
ELTN 1500	Practical PC Maintenance	2	
ELTN 1442*	Motors and Generators	6	
ELTN 1470	Systematic Troubleshooting	1	
ELTN 1635*	PLT Control Lab	3	
ELTN 2442	Automation Controllers	3Tf 1 0 0 1 503.4 510.72	
ELEC 2401*	Residential Wiring	1	
ELEC 2402*	Residential Wiring Lab	3	
ELEC 2405*	Electrical Blueprint Reading	2	
ELEC 2421*	Commercial Wiring I	1	
ELEC 2422*	Commercial Wiring I Lab	3	
ELEC 2431*	Motor Control	2	
ELEC 2432*	Motor Control Lab	1	
ELEC 2440*	National Electrical Code I	2	

*****REMEMBER TO REGISTER EARLY*****