



# Residential Electrician

Occupational Skills Award (OSA)

2026-2027

Division of Business, Engineering, Architecture, and Technology

An Occupational Skills Award (OSA) in Residential Electrician will prepare students and provides hands-on instruction in all aspects of maintenance, operations, troubleshooting and repair of circuits.

## Recommended Course Sequence

Program Courses	Credits	Suggested Semester
ELPT 1321* Introduction to Electrical Safety and Tools	3	Fall
ELTN 1391* Special Topics in Electrician	3	Fall
ELPT 1329* Residential Wiring	3	Fall
<b>Total Credit Hours for Graduation</b>	<b>9</b>	

\*Grade of "C" or better is required for graduation.

This information is provided as an example only. You will develop a personalized plan with your Success Coach and faculty advisor/mentor that reflects your goals and interests. You are required to meet with an advisor each semester to ensure you are on track for graduation. This document does not contain all the information you need to stay on track for graduation

## Program Student Learning Outcomes

Program Student Learning Outcomes (PSLO) are statements that specify what students will know, be able to do or be able to demonstrate when they have completed the program.

1. Demonstrate ability to understand requirements of the National Electrical Code in all wiring installations.
2. Understand and apply knowledge in layout, assembly, installation, and troubleshooting of fixtures, devices, services, heating systems, pumps, motors, and motor controls used in residential, commercial, and some industry locations.
3. Understand and apply knowledge of electrical theory and techniques of the trade, including blueprint reading, wiring, pipe bending, motor control, switching, power circuits and lockout/tag out procedures.