

## Program Research & Recommendation

### New Program Research Form

**New Program Title:** Electrician Trainee Program

**Initiator:** Tom Williams

**Date:** 07/31/2025

**Advisory Team Members:** Tom Williams, Don Robinson, Jubal Raymond, Tom Wycoff, Alan Raetz, Jake Gonzales

**Degree/Certificate:** Electrician Trainee C of A and A.S. Degree

**Program Description:** (include possible program outcomes and an outline of draft curriculum)

The Electrician Training program is an approved training program by the California Division of Labor Standards. Students enrolled in this program can obtain their Electrician Trainee card to seek employment with a C-10 contractor and earn their required on-the-job hours. The program will prepare Students to pass the State Electrical Examination and Certification process. Students in this program will acquire skills in the principles of electricity, circuitry, and power distribution, electrical construction processes, and safety codes.

## Certificate of Achievement in Electrical Theory

### Program Outcomes

After completing this program, students will be prepared to take the “theory” portion of the California Electrician Certificate Examination.

### Program Requirements

#### REQUIRED CERTIFICATE COURSES

<b>Number</b>	<b>Title</b>	<b>Units</b>
ITEC 55	Introduction to Industrial Trades	2
ELEC 100	Introduction to Electrician Training	2
ELEC 110	Electrician Training 1	4
ELEC 120	Electrician Training 2	4
ELEC 130	Electrician Training 3	4
<b>TOTAL</b>		<b>16</b>

# Certificate of Achievement in Electrical Applications

## Program Outcomes

After completing this program, students will be prepared to take the “applications” portion of the California Electrician Certificate Examination.

## Program Requirements

### REQUIRED CERTIFICATE COURSES

Number	Title	Units
ELEC 140	Electrician Training 4	4
ELEC 150	Electrician Training 5	4
ELEC 160	Electrician Training 6	4
ELEC 170	Electrician Training 7	4
<b>TOTAL</b>		<b>16</b>

**Potential need for/interest in program:** (For CTE Programs: include labor market data, survey data, industry communications, etc.) See attached Labor Market Report from the North Far North Centers for Excellence and minutes from an industry advisory committee meeting.

**Financial concerns:** (general fund requirements, equipment needs, facility/space requirements, etc.) This program would need an annual budget of \$40,000 to cover the cost of consumables and small tools and supplies. For equipment the things needed are being purchased with Catalyst grant funds. This program will need lecture space, the ITP portables are already full so we would need to utilize a classroom in the LRC, MC, or LS buildings. The program will also need lab space of the same size as the HVAC lab which is 40'x40'.

**Faculty needs:** (number of full-time/number of part-time, qualifications, ability to recruit)

For the core courses of this program we will need 1 full-time Faculty member, for the ITEC-55 courses we have been utilizing Associate Faculty. The faculty member would need to be certified by the State as an installer of residential and commercial electrical systems and components, possession of a California State License Board C-10 electrical contractor license would be preferable.

---

**Advisory Team Recommendation:**        Recommend  
       Recommend w/Reservation  
       Not Recommended

**Comments:**

