

## Program Research & Recommendation New Program Proposal Form

New Program Title:	Electrician Trainee Program
Initiator:	<b>Tom Williams</b>
First Semester Intended to Offer:	<b>Fall 2026</b>

### **Type of Program**

Use AS for any Science, Technology, Engineering, or Mathematics (STEM) field and for all CTE programs. Use AA for all others.

- AA-T/AS-T
- AA/AS (18 units minimum w/o GE)  
*Vocational programs must be approved by NFN*
- CA-Certificate of Achievement (16 units minimum)  
*Vocational programs must be approved by NFN*  
*Non-vocational programs are not eligible for Financial Aid and will not be shown in CCC Apply, CAP tool, or Degree Planner*
- CA-Certificate of Achievement (8 units minimum)  
*Only needed if required on a student's official transcript; All others use Certificate*  
*Vocational programs must be approved by NFN*  
*Non-vocational programs are not eligible for Financial Aid and will not be shown in CCC Apply, CAP tool, or Degree Planner*
- Certificate – Certificate in... (15.5 units maximum)  
*Not chaptered, not FA eligible, will not be shown in CCC Apply or student's official transcript*  
*Non-vocational programs will not show in CAP tool or Degree Planner*
- Noncredit Certificate of Completion (*Leads to job; minimum 2 courses*)
- Noncredit Certificate of Competency (*Bridges to credit coursework; minimum 2 courses*)

### **Program Codes**

TOP Code:	095220
CIP Code:	46.0302
What COI will this program be in?:	Industrial Technology Programs

### **Program Description**

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 in order 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 Courses**

Course No.	Title	Units
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

How does the program align with the College Mission Statement, District Educational Plan, and Strategic Plan?

This program very easily aligns with the College's Mission Statement by offering a high quality education and support in a career pathway. According to the Bureau of Labor Statistics 21% of the electricians in the US are Hispanic, this program will compliment our status as an HSI. An Electrical Program would also align very well to our Strategic Initiative number 5, Modeling Sustainability. With our Region, State, and Country moving away from fossil fuel energy to a much cleaner electric energy policy. The process of converting to all or mostly electrical systems is going to create a very large demand for trained electricians.

Explain how the program is appropriate to the Community College mission of providing the first two years of a baccalaureate degree?

This is a career education program, it does not currently align with a 4-year degree.

How does the proposal demonstrate need for the program?

Butte College has been contacted by the construction sector, specifically electrical contractors to start an electrical program. The only program in the entire North State CA Jobs First region is at Shasta Builders Exchange. The Far North Center for Excellence labor market report prepared in January of 2024 states "Community colleges and other postsecondary training providers issued zero awards over the last three years" for electrical training certificates. Since the 2018 Camp Fire destroyed the town of Paradise, there has been a shortage of construction workers in Butte County. Industry need is strong, with a minimum need of 30-45 in Butte County alone. The Far North Center for Excellence provided a labor market report that states that the projected job growth for electricians in the North/Far North Region to have a 10% growth in the years 2022-2027 with 369 new annual openings per year. This report does not take into account the effects of the passage of the Federal Inflation Reduction Act which contains provisions for mass electrification of U.S. households.

Annual Completers: How many students do you anticipate completing this program each year?

Each cohort will have 20 students, and when the program grows, we will offer a Fall and Spring start. If there is demand we will also be able to offer courses in the evening to accommodate those with a job.

What are the impacts on existing programs (enrollment, staffing, section offerings)?

There should be no impact on existing programs other than some opportunities for staffing crossover and potential course cross listing within other programs.

Enter the number of new faculty positions, both part- and full-time. If existing faculty are sufficient, enter zero (0).  
1 full-time and some adjunct.

Is there sufficiency of institutional resources to support the long-term vitality of the program?

I believe so, this program would need an annual budget of \$40,000 to cover the cost of consumables and small tools and supplies.

New Equipment needed (include cost)

All new equipment needed for this program will be purchased with Catalyst Grant funds.

New/Remodeled Facilities (include cost)

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'. I do not have any estimates of the cost of the lab space as we have not determined where it will be located.

Library Acquisitions (include cost)

\$0

Is the program compliant with all applicable laws, regulations, and curriculum standards?

Yes

Will the program be eligible for Financial Aid (CA's with vocational TOP and degrees)?

Yes

Distance Education - Indicate the extent to which the courses associated with the degree are conducted via distance education   X  0%,       1-49%,       50-99%,       100%

For Career Education Programs: Provide labor market information (LMI) and other employers demand documentation demonstrating that there are jobs and careers available for program graduates.

See attached LMI data from The Center for Excellence

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Contact Information: \_\_\_\_\_