CAREER TECHNICAL EDUCATION (CTE) TWO-YEAR PROGRAM REVIEW FOR 2024

Program: Electrical & Electronics Tech. (EET) **Planning Year: 2024** **Unit: Engr. & Tech.**

Cluster: Workforce Development **Last Year of CPPR/Voc. Ed Review: 2022**

INSTRUCTIONS: CTE programs will complete and submit the below Two-Year Program Review as part of a regular two-year program review cycle (Ed Code 78016). In addition, CTE programs will complete and submit an APPW on an annual basis and an Instructional Comprehensive Program Planning and Review (CPPR) every four years according to the institutional comprehensive planning cycle for instructional programs.

California Ed Code 78016

Every vocational or occupational training program offered by a community college district shall be reviewed every two years by the governing board of the district to ensure that each program, as demonstrated by the California Occupational Information System, including the State-Local Cooperative Labor Market Information Program established in Section 10533 of the Unemployment Insurance Code, or if this program is not available in the labor market area, other available sources of labor market information, does all of the following:

1. Meets a documented labor market demand.

2. Does not represent unnecessary duplication of other manpower training programs in the area.

3. Is of demonstrated effectiveness as measured by the employment and completion success of its students.

A. Any program that does not meet the requirements of subdivision (A) and the standards promulgated by the governing board shall be terminated within one year.

B. The review process required by this section shall include the review and comments by the local Private Industry Council established pursuant to Division 8 (commencing with Section 15000) of the Unemployment Insurance Code, which review and comments shall occur prior to any decision by the appropriate governing body.

C. This section shall apply to each program commenced subsequent to July 28, 1983.

D. A written summary of the findings of each review shall be made available to the public.

NARRATIVE: Review your CTE program according to the following three prompts with analysis of [data provided by the State](#).

If assistance is needed to retrieve data, please contact your Instructional Dean.

Provide a written summary for each prompt. If yes, explain why and/or how. If no, explain why.

I. Meets a documented labor market demand, [data provided by the State.](#)

According to the State of California, Employment Development Department, the number of electricians is expected to grow much faster than the average growth rate for all occupations in California. Jobs for electricians are expected to increase by 35.5%, or 21,000 jobs between 2022and 2032.

> The median wage in 2022 for Electricians in California was $73,451 annually, $38.26 per hour. Wages during 2022 for electricians in San Luis Obispo County were documented by the state at $36.14 per hour or $75,171 per year.

> Employment resulting from training in the Electrical and Electronic Technology (EET) department at Cuesta College clearly meets a documented labor market demand for San Luis Obispo County, the state of California, and the entire country.

II. Does not represent unnecessary duplication of other manpower training programs in the area.

The Electrical and Electronic Technology (EET) department in at Cuesta College is the only state certified electrician trainee program in San Luis Obispo County. Additionally, the closest certified program to our main campus is over 100 miles away. Clearly, our CTE program does not represent any form of unnecessary duplication of other manpower training programs in the area.

The only other entity which trains electricians in the county is the International Brotherhood of Electric Workers (IBEW) union. The union typically hires less than 7 electrical apprentices per year and generally has over 280 applicants per year. Additionally, most electrical contractors in San Luis Obispo County are non-union contractors, approximately 80 %.

2 S a n   L u i s   O b i s p o   C o u n t y   C o m m u n i t y   C o l l e g e   D i s t r i c t
C a r e e r   T e c h n i c a l   E d u c a t i o n   (C T E)   T w o - Y e a r   P r o g r a m   R e v i e w
Approved Document to be Used for Submission Spring, March 4, 2024

III. Is of demonstrated effectiveness as measured by the employment and completion success of its students, Core Indicator Reports (Summary by TOP code)

IV.   The EET program has an average successful completion rate more than 90% over the past five academic years. Most students typically enrolled in the EET program are either currently working in the electrical industry attending classes in the evening or find placement with a county employer prior to completing the requirements for graduation with an Associate of Science (AS) degree in Electrical Technology or Certificate of Achievement (CA) in Electronics and State Electrician.