

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

Program Planning Year: 2024 **Unit:** Agriculture: Ag Business, Ag Mechanics & Ag Plant Science

Cluster: ABS, SS, BE

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](#).

Please see the tables below. The first references Agriculture jobs related to Plant Science opening, the second shows Agriculture jobs related to Business and Sales, the third shows Agriculture opening related to Power Equipment jobs.

| SOC Code | Occupation Title (Linked to "Occupation Profile") | 2018 Employment | Annual Job Openings (1) |
|----------|---|--------------------|----------------------------|
| 119013 | Farmers, Ranchers, and Other Agricultural Managers | 2,040 | 1,800 |
| 452092 | Farmworkers and Laborers, Crop, Nursery, and Greenhouse | 3,120 | 6,030 |
| 451011 | First-Line Supervisors/Managers of Farming, Fishing, and Forestry Workers | 230 | 410 |
| | Total | 5,390 | 8,240 |

| SOC Code | Occupation Title (Linked to "Occupation Profile") | 2018 Employment | Annual Job Openings (1) |
|----------|--|--------------------|----------------------------|
| 119013 | Farmers, Ranchers, and Other Agricultural Managers | 2,040 | 1,800 |
| | Total | 2,040 | 1,800 |

TOP Code(s):

011600 Agricultural Power Equipment Technology

Geography: San Luis Obispo County

Includes: San Luis Obispo County

Annual Job Openings by Occupation

| SOC Code | Occupation Title (Linked to "Occupation Profile") | 2018 Employment | Annual Job Openings (1) |
|----------|--|--------------------|----------------------------|
| 493011 | Aircraft Mechanics and Service Technicians | 80 | 60 |
| 493042 | Mobile Heavy Equipment Mechanics, Except Engines | 110 | 100 |
| | Total | 190 | 160 |

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

area.

It does not duplicate other training programs in the area. (You cannot prove a negative).

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

The reason the agriculture programs were shown together in this report is because the Perkins indicators are shown for the whole of agriculture. The Perkins report is shown below for the most recently available data which unfortunately was 2020-2021. The data is limited in it's usefulness since at most there are 8 observations. No conclusions can be drawn from this.



PERKINS IV Core Indicators of Performance by 2-digit Vocational TOP Code
Summary Detail Report for 2020-2021 Fiscal Year Planning

CUESTA COLLEGE

01 Agriculture and Natural Resources

| | Core 1 Skill Attainment | | | Core 2 Completions | | | Core 3 Persistence | | |
|-----------------------------|-------------------------|--------|--------|--------------------|--------|--------|--------------------|--------|--------|
| | Percent | Count | Total | Percent | Count | Total | Percent | Count | Total |
| Program Area Total | 25.00 | 2 | 8 | 100.00 | 8 | 8 | 100.00 | 8 | 8 |
| Female | 0.00 | 0 | 6 | 100.00 | 6 | 6 | 100.00 | 6 | 6 |
| Male | 100.00 | 2 | 2 | 100.00 | 2 | 2 | 100.00 | 2 | 2 |
| Non-traditional | 0.00 | 0 | 6 | 100.00 | 6 | 6 | 100.00 | 6 | 6 |
| Displaced Homemaker | | 0 | 0 | | 0 | 0 | | 0 | 0 |
| Economically Disadvantaged | 20.00 | 1 | 5 | 100.00 | 5 | 5 | 100.00 | 5 | 5 |
| Limited English Proficiency | | 0 | 0 | | 0 | 0 | | 0 | 0 |
| Single Parent | | 0 | 0 | | 0 | 0 | | 0 | 0 |
| Students with Disabilities | | 0 | 0 | | 0 | 0 | | 0 | 0 |
| Technical Preparation | | 0 | 0 | | 0 | 0 | | 0 | 0 |
| District | 25.00 | 2 | 8 | 100.00 | 8 | 8 | 100.00 | 8 | 8 |
| State | 89.00 | 44,504 | 50,004 | 90.70 | 21,257 | 23,436 | 88.25 | 43,420 | 49,203 |

| | Core 4 Employment | | | Core 5a NT Participation | | | Core 5b NT Completion | | |
|-----------------------------|-------------------|--------|--------|--------------------------|--------|--------|-----------------------|--------|--------|
| | Percent | Count | Total | Percent | Count | Total | Percent | Count | Total |
| Program Area Total | 33.33 | 1 | 3 | 75.00 | 6 | 8 | 75.00 | 6 | 8 |
| Female | 50.00 | 1 | 2 | 100.00 | 6 | 6 | 100.00 | 6 | 6 |
| Male | 0.00 | 0 | 1 | 0.00 | 0 | 2 | 0.00 | 0 | 2 |
| Non-traditional | 50.00 | 1 | 2 | 75.00 | 6 | 8 | 75.00 | 6 | 8 |
| Displaced Homemaker | | 0 | 0 | | 0 | 0 | | 0 | 0 |
| Economically Disadvantaged | 100.00 | 1 | 1 | 80.00 | 4 | 5 | 80.00 | 4 | 5 |
| Limited English Proficiency | | 0 | 0 | | 0 | 0 | | 0 | 0 |
| Single Parent | | 0 | 0 | | 0 | 0 | | 0 | 0 |
| Students with Disabilities | | 0 | 0 | | 0 | 0 | | 0 | 0 |
| Technical Preparation | | 0 | 0 | | 0 | 0 | | 0 | 0 |
| District | 33.33 | 1 | 3 | 75.00 | 6 | 8 | 75.00 | 6 | 8 |
| State | 76.63 | 10,258 | 13,386 | 44.50 | 25,406 | 57,095 | 42.73 | 12,192 | 28,532 |

The DR notation indicates privacy requirements - EDD requires that counts less than six not be displayed.

Performance Rate Less Than Goal is Shaded

Core 1 - Skill Attainment, GPA 2.0 & Above: 91.75% Performance Goal - (2017- 2018)
 Core 2 - Completions, Certificates, Degrees and Transfer Ready: 89.00% Performance Goal - (2017- 2018)
 Core 3 - Persistence in Higher Education: 91.00% Performance Goal - (2017- 2018)
 Core 4 - Employment: 73.23% Performance Goal - (2017- 2018)
 Core 5 - Training Leading to Non-traditional Employment: Greater than 23.93% Participation & 28.02% Completion - (2017- 2018)
 Source: CCCC MIS Database, EDD Base Wage File, CSU Chancellor's Office,
 UC Office of the President, 2000 Census, Student Loan Clearing House