

CAREER TECHNICAL EDUCATION (CTE) TWO-YEAR PROGRAM REVIEW FOR 2026

Program Planning Year	2026
Cluster	6
Unit	Continuing Education
Program(s)	Vocational Education -Ranch Education
Last Academic Year CPPR Completed/Voc. Ed Review	

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](#).**

Projections of Employment by Occupation, 2022 - 2032

Selections:

TOP Code(s):

- 010200 Animal Science
- 011200 Agriculture Business, Sales and Service
- 011500 Natural Resources
- 011600 Agricultural Power Equipment Technology
- 019900 Other Agriculture and Natural Resources

Geography: San Luis Obispo County

Includes: San Luis Obispo County

Annual Job Openings by Occupation

SOC Code	Occupation Title (Linked to "Occupation Profile")	2022 Employment	Annual Job Openings (1)
191031	Conservation Scientists	40	30
493041	Farm Equipment Mechanics	80	80
119013	Farmers, Ranchers, and Other Agricultural Managers	2,480	2,670
452093	Farmworkers, Farm and Ranch Animals	100	150
454011	Forest and Conservation Workers	100	150
	Total	2,800	3,080

(1) Total Job Openings are the sum of new jobs from growth plus net replacements. Annual job openings are total job openings divided by the number of years in the projection period.

(2) This occupation has been suppressed due to confidentiality.

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Local Ranchers have expressed a need for workers with basic skills in livestock handling and care, grazing and farm maintenance. State labor statistics show that there are an estimated 2,820 job openings for Farmers, Ranchers, Other Agricultural Managers, Farmworkers- Farm and Ranch Animals. A median wage range for farm workers and managers is between \$17.83 -\$50.38 in SLO County.

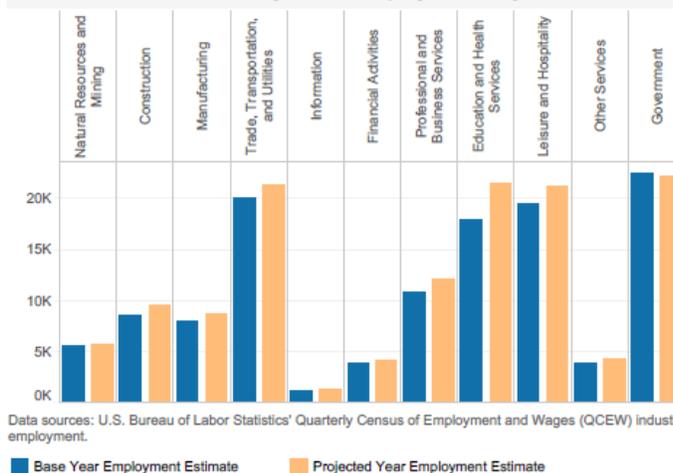
2022-2032 Local Employment Projections Highlights

Select Area Name
San Luis Obispo-Paso Robles-Arroyo Grande MSA (San Luis Obispo County)

San Luis Obispo-Paso Robles-Arroyo Grande MSA (San Luis Obispo County)



2022-2032 Industry Sector Employment Projections



Entry Level Education
All

2022-2032 Occupations with the Most Job Openings

Standard Occupational Classification	Occupational Title	Total Job Openings	Median Hourly Wage	Median Annual Wage
35-3023	Fast Food and Counter Workers	8,250	\$17.01	\$35,377
31-1120	Home Health and Personal Care Aides	7,010	\$16.15	\$33,594
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	5,780	\$17.83	\$37,091
41-2011	Cashiers	5,610	\$17.29	\$35,956
35-3031	Waiters and Waitresses	5,510	\$16.87	\$35,099
41-2031	Retail Salespersons	4,810	\$17.94	\$37,320
53-7065	Stockers and Order Fillers	3,380	\$18.64	\$38,773
35-2014	Cooks, Restaurant	3,180	\$19.44	\$40,438
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	2,940	\$18.08	\$37,593
11-9013	Farmers, Ranchers, and Other Agricultural Managers	2,670	\$50.38	\$104,777

Total job openings are the sum of numeric change, exits, and transfers projected between 2022 and 2032. Wages are from the 2024 first quarter and do not include self-employed or unpaid family workers. An estimate could not be provided for wages listed as \$0. As of January 1, 2024, state laws required minimum wages of at least \$16.00 hourly and \$33,280 annually. Applicable median wages have been rounded up to reflect these values. Excludes "All Other" categories. These are residual codes that do not represent a detailed occupation.

2022-2032 Fastest Growing Occupations

Standard Occupational Classification	Occupational Title	Base Year Employment Estimate	Projected Year Employment Estimate	Percentage Change	Median Hourly Wage	Median Annual Wage
29-1171	Nurse Practitioners	150	220	46.7%	\$76.02	\$158,126
31-9011	Massage Therapists	180	250	38.9%	\$18.54	\$38,583
11-9111	Medical and Health Services Managers	390	530	35.9%	\$58.37	\$121,391
49-3011	Aircraft Mechanics and Service Technicians	140	190	35.7%	\$39.43	\$82,032
13-2052	Personal Financial Advisors	150	200	33.3%	\$45.57	\$94,800
29-1123	Physical Therapists	190	250	31.6%	\$51.82	\$107,780
29-1127	Speech-Language Pathologists	160	210	31.3%	\$52.80	\$109,820
39-9031	Exercise Trainers and Group Fitness Instructors	460	600	30.4%	\$28.11	\$58,467
25-3021	Self-Enrichment Teachers	270	350	29.6%	\$22.16	\$46,102
31-1120	Home Health and Personal Care Aides	3,580	4,590	28.2%	\$16.15	\$33,594

Fastest growing occupations are ranked by projected percentage change growth between 2022 and 2032. Wages are from the 2024 first quarter and do not include self-employed or unpaid family workers. An estimate could not be provided for wages listed as \$0. As of January 1, 2024, state laws required

The current series of classes not only provides this experience to students enrolled solely in the Ranch Education classes but provides a unique opportunity for those pursuing animal science or business pathways. It also offers hands-on experience to students in other fields such as natural resources, environmental science or conservation and serves as a gateway

to other occupational areas such as welding, and construction technology.

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

The classes offered focus on regenerative agriculture and grazing for soil health as well as basic animal handling, construction and land management skills. It is the only opportunity for those interested in these skills to gain practical experience and exposure to local ranching methods and potential employers. While this series of classes serves as a complimentary educational aspect to several other training programs, construction technology, welding, ag mechanics, farm safety, and CDL, it does not duplicate any of them.

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

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PERKINS V Core Indicators of Performance by Vocational TOP Code
Indicators for 2024-2025 Fiscal Year Planning
Summary by College for: CUESTA - SAN LUIS OBISPO

To display 4 or 6 digit TOP codes, click on the plus sign to the left of the TOP code.

Cohort Yr: 2021- 2022		Core 1 Postsecondary Retention & Placement	Core 2 Earned Postsecondary Credential	Core 3 Non-traditional Program Enrollment	Core 4 Employment
<input type="checkbox"/>	01 AGRICULTURE AND NATURAL RESOURCES	100.00	100.00	39.58	88.89
<input type="checkbox"/>	0103 PLANT SCIENCE	100.00	100.00	36.00	85.71
	010300 PLANT SCIENCE	100.00	100.00	36.00	85.71
<input type="checkbox"/>	0112 AGRICULTURE BUSINESS, SALES AND SERVICE	100.00	100.00	40.91	100.00
	011200 AGRICULTURE BUSINESS, SALES AND SERVICE	100.00	100.00	40.91	100.00
<input type="checkbox"/>	0116 AGRICULTURAL POWER EQUIPMENT TECHNOLOGY	100.00	100.00	100.00	100.00
	011600 AGRICULTURAL POWER EQUIPMENT TECHNOLOGY	100.00	100.00	100.00	100.00
<input type="checkbox"/>	02 ARCHITECTURE AND RELATED TECHNOLOGIES	95.00	100.00	45.45	55.56
<input type="checkbox"/>	05 BUSINESS AND MANAGEMENT	89.83	99.41	48.37	75.52
<input type="checkbox"/>	06 MEDIA AND COMMUNICATIONS	94.12	86.11	20.00	84.62
<input type="checkbox"/>	07 INFORMATION TECHNOLOGY	97.73	90.00	18.18	76.92
<input type="checkbox"/>	08 EDUCATION	100.00	100.00		100.00
<input type="checkbox"/>	09 ENGINEERING AND INDUSTRIAL TECHNOLOGIES	98.36	80.43	5.74	93.98
<input type="checkbox"/>	10 FINE AND APPLIED ARTS	93.75	72.73	55.56	85.00
<input type="checkbox"/>	12 HEALTH	95.12	98.83	23.65	89.14
<input type="checkbox"/>	13 FAMILY AND CONSUMER SCIENCES	90.88	80.34	13.52	72.48
<input type="checkbox"/>	14 LAW	93.10	100.00	5.71	85.00
<input type="checkbox"/>	16 LIBRARY SCIENCE	84.21	100.00	13.04	82.35
<input type="checkbox"/>	21 PUBLIC AND PROTECTIVE SERVICES	94.12	95.35	46.88	73.68
<input type="checkbox"/>	22 SOCIAL SCIENCES	75.00	100.00		66.67

Performance Rate Less Than Goal is Shaded

Total Count is 10 or Greater

Total Count is Less Than 10

Core 1 - Postsecondary Retention & Placement: 92.00% Performance Goal - (2021- 2022)

Core 2 - Earned Postsecondary Credential: 89.60% Performance Goal - (2021- 2022)

Core 3 - Non-traditional Program Enrollment: Greater than 27.00% Participation - (2021- 2022)

Core 4 - Employment: 73.25% Performance Goal - (2021- 2022)

Source: CCCCO MIS Database, EDD Base Wage File, CSU Chancellor's Office, UC Office of the President, 2000 Census, Student Loan Clearing House

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The Ranch Education courses were first offered during the 2024–2025 academic year. As a result, the most recent Core Indicator data available (2021–2022) predates the implementation of this program. However, statewide data for programs within Agriculture and Natural Resources shows strong student outcomes, including:

- Core 1 – Postsecondary Retention and Placement: 100%
- Core 2 – Earned Postsecondary Credential: 100%
- Core 3 – Nontraditional Program Enrollment: 39.58%
- Core 4 – Employment: 88.89%

These results indicate that students participating in Agriculture and Natural Resources programs are successfully completing credentials and transitioning into employment or continued education.

During the first year of the Ranch Education program, four students completed the certificate. Of those students, two were employed by government agencies, one was already working in the ranching industry, and one was exploring starting a grazing business. These outcomes suggest the program is serving both incumbent workers and individuals seeking to enter or expand within the ranching and grazing sector.

Although the program is new and local outcomes will continue to develop over time, early completion and employment-related outcomes indicate that the program is supporting student success and workforce development in the regional ranching and grazing industry. Consistent with California Education Code Section 78016, the program demonstrates effectiveness through student completion and workforce relevance.

Wes Martin 3/9/2026

Director, Continuing and Community Education