

CAREER TECHNICAL EDUCATION (CTE) TWO-YEAR PROGRAM REVIEW FOR 2021

Program: Licensed Vocational Nursing (LVN)

Planning Year: 2020-2021

Unit: Nursing and Allied Health

Cluster: Health, Agriculture, Workforce, and Kinesiology

Last Year of CPPR/Voc. Ed Review: 2018-2019

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.

I. Meets a documented labor market demand, <http://www.labormarketinfo.edd.ca.gov/>.

2014-2024 Comparison of Growing Occupations by Entry Level Education
San Luis Obispo County

| Fastest Growing (New Jobs from Industry Growth) | Entry Level Education | Largest Growing (New Jobs and Replacement Needs) |
|--|---|--|
| Physical Therapists (41.7% or 50 jobs) Family and General Practitioners (31.3% or 50 jobs) Lawyers (9.1% or 20 jobs) Clinical, Counseling, and School Psychologists (2.7% or 10 jobs) | Doctoral or Professional Degree | Clinical, Counseling, and School Psychologists (100 jobs) Family and General Practitioners (90 jobs) Physical Therapists (80 jobs) Lawyers (50 jobs) Pharmacists (50 jobs) |
| Educational, Guidance, School, and Vocational Counselors (17.0% or 80 jobs) Education Administrators, Postsecondary (6.7% or 20 jobs) Instructional Coordinators (5.3% or 10 jobs) | Master's Degree | Educational, Guidance, School, and Vocational Counselors (170 jobs) Education Administrators, Postsecondary (110 jobs) Instructional Coordinators (40 jobs) Education Administrators, Elementary and Secondary School (40 jobs) |
| Market Research Analysts and Marketing Specialists (58.0% or 240 jobs) Computer Systems Analysts (43.5% or 100 jobs) Cost Estimators (42.1% or 80 jobs) Loan Officers (38.9% or 70 jobs) Mechanical Engineers (35.3% or 60 jobs) | Bachelor's Degree | General and Operations Managers (930 jobs) Registered Nurses (750 jobs) Accountants and Auditors (340 jobs) Market Research Analysts and Marketing Specialists (300 jobs) Elementary School Teachers, Except Special Education (260 jobs) |
| Electrical and Electronics Engineering Technicians (23.1% or 30 jobs) Dental Hygienists (20.8% or 50 jobs) Radiologic Technologists (16.7% or 20 jobs) Preschool Teachers, Except Special Education (6.8% or 30 jobs) Paralegals and Legal Assistants (5.9% or 10 jobs) | Associate's Degree | Preschool Teachers, Except Special Education (170 jobs) Dental Hygienists (90 jobs) Electrical and Electronics Engineering Technicians (60 jobs) Paralegals and Legal Assistants (50 jobs) Radiologic Technologists (40 jobs) |
| Medical Assistants (50.0% or 300 jobs) Heating, Air Conditioning, and Refrigeration Mechanics and Installers (40.9% or 90 jobs) Surgical Technologists (25.0% or 30 jobs) Licensed Practical and Licensed Vocational Nurses (24.5% or 120 jobs) Medical Records and Health Information Technicians (23.5% or 40 jobs) | Postsecondary Non-degree Award | Nursing Assistants (470 jobs) Medical Assistants (420 jobs) Automotive Service Technicians and Mechanics (280 jobs) Licensed Practical and Licensed Vocational Nurses (260 jobs) Heavy and Tractor-Trailer Truck Drivers (250 jobs) |
| Computer User Support Specialists (18.2% or 80 jobs) Bookkeeping, Accounting, and Auditing Clerks (9.6% or 120 jobs) | Some College, No Degree | Teacher Assistants (250 jobs) Bookkeeping, Accounting, and Auditing Clerks (240 jobs) Computer User Support Specialists (150 jobs) |
| Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders (64.7% or 110 jobs) Demonstrators and Product Promoters (53.1% or 170 jobs) Veterinary Assistants and Laboratory Animal Caretakers (45.5% or 100 jobs) Electricians (42.0% or 290 jobs) Bus and Truck Mechanics and Diesel Engine Specialists (40.0% or 60 jobs) | High School Diploma or Equivalent | Farmers, Ranchers, and Other Agricultural Managers (960 jobs) Office Clerks, General (790 jobs) First-Line Supervisors of Retail Sales Workers (540 jobs) Hotel, Motel, and Resort Desk Clerks (490 jobs) Maintenance and Repair Workers, General (460 jobs) |
| Roofers (58.3% or 100 jobs) Cement Masons and Concrete Finishers (48.3% or 140 jobs) Personal Care Aides (46.6% or 1,240 jobs) Home Health Aides (41.0% or 160 jobs) Cooks, Restaurant (37.8% or 480 jobs) | No Formal Educational Credential | Retail Salespersons (2,550 jobs) Waiters and Waitresses (1,540 jobs) Combined Food Preparation and Serving Workers, Including Fast Food (1,530 jobs) Cashiers (1,710 jobs) Farmworkers and Laborers, Crop, Nursery, and Greenhouse (1,600 jobs) |

Excludes "All-Other" occupations and those with employment less than 120 in 2014.

Source: California Employment Development Department


The above chart from the California Employment Development Department (EDD) shows Licensed Vocational Nursing in the Fastest Growing New Jobs from Industry Growth at 24.5%, and also in the New Jobs and Replacement Needs with 260 jobs, in San Luis Obispo County for Postsecondary non-degree award between 2012 through 2022.

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

The Cuesta College LVN program does not represent unnecessary duplication of training programs in the area. The Cuesta LVN program receives more applications annually than spaces in the program. Hancock College has an LVN program 30 miles south of Cuesta College, and also turns away applicants each year.

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

https://misweb.cccco.edu/perkins/Core_Indicator_Reports/Summ_CoreIndi_TOPCode.aspx

|  PERKINS IV Core Indicators of Performance by Vocational TOP Code Indicators for 2020-2021 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. | | | | | | |
| | Core 1 Skill Attainment | Core 2 Completion | Core 3 Persistence | Core 4 Employment | Core 5a NT Participation | Core 5b NT Completion |
| 01 AGRICULTURE AND NATURAL RESOURCES | 35.00 | 100.00 | 100.00 | 33.33 | 75.00 | 75.00 |
| 02 ARCHITECTURE AND RELATED TECHNOLOGIES | 53.10 | 100.00 | 93.10 | 40.00 | 27.55 | 32.00 |
| 05 BUSINESS AND MANAGEMENT | 85.62 | 97.42 | 94.50 | 73.91 | 52.21 | 55.35 |
| 06 MEDIA AND COMMUNICATIONS | 84.78 | 96.88 | 95.65 | 100.00 | 25.93 | 27.78 |
| 07 INFORMATION TECHNOLOGY | 97.30 | 97.87 | 91.89 | 95.56 | 9.46 | 8.16 |
| 08 EDUCATION | 55.00 | 87.50 | 90.00 | 75.00 | | |
| 09 ENGINEERING AND INDUSTRIAL TECHNOLOGIES | 91.23 | 85.23 | 88.30 | 82.29 | 6.44 | 7.45 |
| 10 FINE AND APPLIED ARTS | 100.00 | 85.19 | 90.48 | 86.67 | 50.00 | 47.62 |
| 12 HEALTH | 62.28 | 99.23 | 94.27 | 93.52 | 26.78 | 25.84 |
| 1201 HEALTH OCCUPATIONS, GENERAL | 0.00 | 100.00 | 100.00 | | | |
| 1205 MEDICAL LABORATORY TECHNOLOGY | 31.25 | 100.00 | 93.75 | 100.00 | | |
| 1208 MEDICAL ASSISTING | 56.67 | 85.71 | 91.53 | 96.00 | 3.33 | 6.90 |
| 1230 NURSING | 72.25 | 100.00 | 95.46 | 96.97 | 17.80 | 16.34 |
| 123010 REGISTERED NURSING | 100.00 | 100.00 | 100.00 | 96.88 | 25.58 | 24.29 |
| 123020 LICENSED VOCATIONAL NURSING | 96.30 | 100.00 | 100.00 | 100.00 | 18.52 | 18.75 |
| 123030 CERTIFIED NURSE ASSISTANT | 0.00 | 100.00 | 98.00 | 95.56 | 3.92 | 3.92 |
| 1235 PSYCHIATRIC TECHNICIAN | 53.57 | 100.00 | 90.48 | 95.83 | 45.03 | 45.10 |
| 1250 EMERGENCY MEDICAL SERVICES | 10.62 | 100.00 | 88.89 | 87.78 | | |
| 1251 PARAMEDIC | 56.67 | 100.00 | 92.86 | 93.33 | | |
| 1260 HEALTH PROFESSIONS, TRANSFER CORE CURRICULUM | 14.46 | 100.00 | 100.00 | 90.63 | | |
| 13 FAMILY AND CONSUMER SCIENCES | 80.16 | 96.14 | 94.95 | 95.35 | 7.90 | 9.05 |
| 14 LAW | 100.00 | 100.00 | 96.88 | 80.00 | 15.63 | 21.43 |
| 16 LIBRARY SCIENCE | 86.71 | 100.00 | 83.02 | 76.67 | 10.71 | 6.98 |
| 21 PUBLIC AND PROTECTIVE SERVICES | 87.59 | 98.85 | 96.35 | 90.91 | 45.33 | 46.94 |

Performance Rate Less Than Goal is Shaded
 Total Count is 10 or Greater
 Total Count is Less Than 10

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: 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 Perkins data for 2020-2021 indicates Cuesta College Registered Associate Degree Nursing program is above benchmarks in Core 1 (Skill Attainment), Core 2 (Completion), Core 3 (Persistence) and Core 4 (Employment).