

CAREER TECHNICAL EDUCATION (CTE) TWO-YEAR PROGRAM REVIEW FOR 2023

Program: Registered Nursing **Planning Year:** 2022-2023 **Unit:** Nursing and Allied health

Cluster: Health and Wellness Skilled Trades and Technology **Last Year of CPPR/Voc. Ed Review:** 2020-2021

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: <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 (50.0% 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 (58.8% 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 (1,840 jobs) Combined Food Preparation and Serving Workers, Including Fast Food (1,830 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

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Registered Nurses
(SOC Code : 29-1141)
in California

Assess patient health problems and needs, develop and implement nursing care plans, and maintain medical records. Administer nursing care to ill, injured, convalescent, or disabled patients. May advise patients on health maintenance and disease prevention or provide case management. Licensing or registration required. Includes Clinical Nurse Specialists. Excludes "Nurse Anesthetists" (29-1151), "Nurse Midwives" (29-1161), and "Nurse Practitioners" (29-1171).

Employers are usually looking for candidates with a Associate degree .

Occupational Wages [Top]

Area	Year	Period	Hourly Mean	Hourly by Percentile		
				25th	Median	75th
California	2022	1st Qtr	\$61.77	\$49.29	\$62.43	\$77.67

[View Wages for All Areas](#) [About Wages](#)

Occupational Projections of Employment (also called "Outlook" or "Demand") [Top]

Area	Estimated Year-Projected Year	Employment		Employment Change		Total Job Openings
		Estimated	Projected	Number	Percent	
California	2018 - 2028	319,800	373,200	53,400	16.7	238,430

Health Care Occupations at a Glance: Employment Change and Job Openings

Key Occupation	Annual Average Employment		Employment Change		Average Annual Job Openings		
	2010	2020	Numerical [1]	Percent	New Jobs [2]	Replacement Needs [3]	Total Jobs [4]
Cardiovascular Technologists and Technicians	3,600	4,500	900	25	90	60	150
Dental Hygienists	19,900	23,300	3,400	17.1	350	400	750
Dentists, General	17,000	17,700	700	4.1	70	510	580
Diagnostic Medical Sonographers	5,300	7,300	2,000	37.7	200	80	280
Dietitians and Nutritionists	7,000	8,400	1,400	20	140	250	390
Emergency Medical Technicians and Paramedics	15,900	22,600	6,700	42.1	670	320	990
Family and General Practitioners	12,300	15,000	2,700	22	270	240	510
Home Health Aides	61,100	93,100	32,000	52.4	3,200	790	3,990
Internists, General	8,300	10,000	1,700	20.5	180	160	340
Licensed Practical and Licensed Vocational Nurses	64,500	79,000	14,500	22.5	1,450	1,720	3,170
Medical and Clinical Laboratory Technicians	16,900	19,400	2,500	14.8	250	330	580
Medical and Clinical Laboratory Technologists	11,800	13,200	1,400	11.9	140	230	370
Medical and Health Services Managers	27,800	33,000	5,200	18.7	530	680	1,210
Medical Assistants	80,900	99,000	18,100	22.4	1,810	1,240	3,050
Medical Records and Health Information Technicians	17,400	20,700	3,300	19	330	350	680
Medical Secretaries	78,300	101,400	23,100	29.5	2,300	1,050	3,350
Nursing Aides, Orderlies, and Attendants	109,500	134,100	24,600	22.5	2,470	1,410	3,880
Occupational Therapists	9,000	11,200	2,200	24.4	210	170	380
Optometrists	4,100	4,800	700	17.1	70	150	220
Pharmacists	23,600	29,900	6,300	26.7	630	600	1,230
Pharmacy Aides	8,100	10,700	2,600	32.1	260	120	380
Pharmacy Technicians	29,000	38,600	9,600	33.1	960	500	1,460
Physical Therapist Aides	6,400	8,300	1,900	29.7	200	100	300
Physical Therapist Assistants	4,600	6,000	1,400	30.4	140	70	210
Physical Therapists	16,500	20,400	3,900	23.6	390	190	580
Physician Assistants	8,300	10,400	2,100	25.3	220	160	380
Psychiatric Technicians	8,900	10,800	1,900	21.3	190	150	340
Radiologic Technologists and Technicians	17,200	21,300	4,100	23.8	410	270	680
Registered Nurses	251,800	306,100	54,300	21.6	5,420	4,560	9,980
Respiratory Therapists	14,200	17,900	3,700	26.1	360	270	630
Surgical Technologists	8,900	10,200	1,300	14.6	140	150	290

[1] Numerical employment change is the net difference between the base and projected year employment and reflects job growth or decline. The base

List of Occupations Employed in Nursing Care Facilities

The following occupations are employed in **Nursing Care Facilities** NAICS Code 623100 (2). **This list is sorted by the 2016 employment from largest to smallest.** Return to the [Search f](#)

[Additional Resources for Career Development](#)

SOC Code (3)	Occupation Title	Employment in California (1)		
		2016	2026	Numeric Change
31-1014	Nursing Assistants	51,400	59,800	8,400
29-2061	Licensed Practical and Licensed Vocational Nurses	18,900	21,900	3,000
29-1141	Registered Nurses	11,500	13,400	1,900
37-2012	Maids and Housekeeping Cleaners	4,500	5,300	800
39-9021	Personal and Home Care Aides	3,500	4,900	1,400
		Employment in California (1)		

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, <http://www.labormarketinfo.edd.ca.gov/>.

The above chart from the California Employment Development Department demonstrates Registered Nurses as the #2 largest growing occupation for new jobs and replacement needs in San Luis Obispo County between 2014 through 2024. Data shows 750 jobs will be needed in San Luis Obispo to either replace or fill registered nursing jobs. This new data however is a shift from the previous 2012-2022 projections which showed the profession to be fastest and largest growing for an Associate’s Degree. A bachelor’s degree is becoming the entry-level expected degree for nurses. Cuesta maintains a partnership with CSU-Monterey Bay to offer a collaborative BSN program with our ADN graduates able to complete their BSN 12 months after their ADN, and with all courses offered locally in San Luis Obispo. Annaly a ADN to BSN Education Fair is also held annually for students to receive information, including cost and length, from 8 – 12 schools attending.

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

The Cuesta College RN program does not represent unnecessary duplication of training programs in the area. The closest registered nursing program to Cuesta College is 30 miles south of San Luis Obispo at Allan Hancock College in Santa Maria. Their program is structured as an LVN-RN model whereas Cuesta's registered nursing program is a generic program with no healthcare pre-requisites. The Cuesta College and Hancock College RN programs both receive more applications annually than spaces in the program.

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

Summary Core Indicators by TOP Code - Report

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	25.00	100.00	100.00	33.33	75.00	75.00
⊕ 02	ARCHITECTURE AND RELATED TECHNOLOGIES	93.10	100.00	93.10	40.00	27.59	32.00
⊕ 05	BUSINESS AND MANAGEMENT	85.62	97.42	94.50	73.91	52.21	55.39
⊕ 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	55.56	9.46	8.16
⊕ 08	EDUCATION	95.00	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	62.26	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		
⊕ 1206	MEDICAL ASSISTING	96.67	85.71	91.53	96.00	3.33	6.90
⊕ 1230	NURSING	72.25	100.00	99.46	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
⊕ 1239	PSYCHIATRIC TECHNICIAN	93.57	100.00	90.48	95.83	45.03	43.10
⊕ 1250	EMERGENCY MEDICAL SERVICES	10.62	100.00	88.89	87.78		
⊕ 1251	PARAMEDIC	96.67	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	59.35	7.50	9.05
⊕ 14	LAW	100.00	100.00	96.88	80.00	15.63	21.43
⊕ 16	LIBRARY SCIENCE	85.71	100.00	83.02	76.67	10.71	6.98
⊕ 21	PUBLIC AND PROTECTIVE SERVICES	87.59	98.85	96.35	50.91	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)

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).