

## **CAREER TECHNICAL EDUCATION (CTE) TWO-YEAR PROGRAM REVIEW FOR 2022**

**Program:** Medical Assisting/Phlebotomy

**Planning Year:** 2021-2022 **Unit:** Medical Assisting (MAST)

**Cluster:** Health, Agriculture, Workforce & 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.

**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/>.

If assistance is needed to retrieve data, please contact the Dean of Instruction for Health, Workforce and Kinesiology.

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/>.**



**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

Medical Assistants is one of the fastest growing occupations and the second largest growing occupations in San Luis Obispo County (California Employment Development Department, 2017). Four hundred and twenty new medical assistant jobs will be needed to either replace or fill Medical Assistant vacancies. The medical assisting program is a one-semester certificate program with the opportunity to become certified upon completion.

Although Phlebotomists are not listed in this chart, the Job Outlook from the State of California Employment Development Department for this occupation remains high due to doctors and health care practitioners continuing to require blood work for analysis and diagnoses (State of California

Employment Development Department, 2020). The chart below illustrates the projected employment for Phlebotomists in California between 2018 through 2028.

Projections of Employment

In California, the number of Phlebotomists is expected to grow much faster than average growth rate for all occupations. Jobs for Phlebotomists are expected to increase by 26.7 percent, or 3,600 jobs between 2018 and 2028.

Estimated Employment and Projected Growth Phlebotomists					
Geographic Area (Estimated Year-Projected Year)	Estimated Employment	Projected Employment	Numeric Change	Percent Change	Total Job Openings
California (2018-2028)	13,500	17,100	3,600	26.7	19,790

Source: EDD/LMID [Projections of Employment by Occupation](#)

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


The Medical Assisting program is the only one offered at a college institution in San Luis Obispo County. The nearest community college offering a Medical Assistant program is at Allan Hancock in Santa Barbara County. Cuesta College offers the Medical Assisting program as a fast-track one-semester program. Students completing the program at Cuesta College enter the workforce much faster than the two-semester program offered at Allan Hancock College.

The Phlebotomy program offered at Cuesta College is also a one-semester program and is the only community college offering this type of program between Monterey and Santa Barbara counties. Two Phlebotomy programs are offered through private institutions in Santa Maria and Santa Barbara (California Department of Public Health, 2019).

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](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	95.19	90.48	86.67	50.00	47.62
12 HEALTH	62.26	99.23	94.27	93.62	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		
120510 PHLEBOTOMY	31.25	100.00	93.75	100.00		
1208 MEDICAL ASSISTING	96.67	85.71	91.53	96.00	3.33	6.90
120800 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
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	60.91	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 Medical Assisting program achieved a 96.67% in Skill Attainment (98.25%), 85.71% in (100%) Completion, 91.53% (100%) in Persistence, 3.333% (5.26) in NT Participation, and 6.90 (15.38) in NT Completion. Although the data shows a decrease from 2019-20 data (in parentheses), performance rates were met in Core 1, 3, and 4. The only full-time faculty for the program retired at the end of Spring 2021. Due to a lack of faculty, the program was canceled in Fall 2021 and Spring 2022. Cuesta College is currently recruiting to fill this full-time vacancy with the goal of

restarting the program beginning Fall 2022.

The Phlebotomy program achieved a 31.25% (100%) in Skill Attainment, 100% Completion, 93.75% (100%) in Persistence, and 100% in Employment. Data is not available for Core 4, 5a, and 5b. Although data shows a decrease in two categories from 2019-20 data (in parentheses), performance rates were met in Core 2 and 4. Decreases in Skill Attainment and Persistence may be attributed to the COVID-19 pandemic and the closure of schools and pause of the programs.