

CAREER TECHNICAL EDUCATION (CTE) TWO-YEAR PROGRAM REVIEW

Program: A.S./C.A./C.S. Medical Assisting & C.S. Phlebotomy

Planning Year: 2018-2019

Unit: Nursing and Allied Health

Cluster: Sciences, Math, Nursing/Allied Health, Kinesiology, Health Sciences and Athletics

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

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

MEDICAL ASSISTING:

- The chart below shows the annual wages of a medical assistant in California at \$20,069 - \$44,199.
- The chart above also describes the Job Outlook as one of the fastest growing occupations in California.

Medical Assistants in California

May also be called: Certified Medical Assistants (CMA); Medical Office Assistants; Optometric Assistants; Clinical Assistants; Registered Medical Assistants; Certified Ophthalmic Technicians; Chiropractor Assistants; and Ophthalmic Assistants

What Would I Do?

Medical Assistants greet patients in medical offices or other medical settings where they help doctors with examinations and treatment.

Medical Assistants usually work in pleasant, well-lit, and air-conditioned offices.

Will This Job Fit Me?

Medical Assistants frequently show social traits.

What Wages and Benefits Can I Expect?

The median wage in 2017 for Medical Assistants in California was \$35,581 annually, or \$17.10 hourly. The median is the point at which half of the workers earn more and half earn less.

Change to Hourly Wages

Annual Wages for 2017	Low (25th percentile)	Median (50th percentile)	High (75th percentile)
California	\$29,069	\$35,581	\$44,199

Source: EDD/LMID Occupational Employment Statistics Survey, 2017 Wages do not reflect self-employment.

[View Wages for All Areas](#)

Benefits normally include paid vacation, holiday, and sick leave. Many Assistants also enjoy employer-paid health and dental insurance, and retirement plans.

What is the Job Outlook?

Medical Assistants are one of the fastest growing occupations in California. They will continue to be in high demand through the projections period.

- The chart below indicates Medical Assistants as one of the Fastest Growing and one of the Largest Growing occupations in San Luis Obispo County.



**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

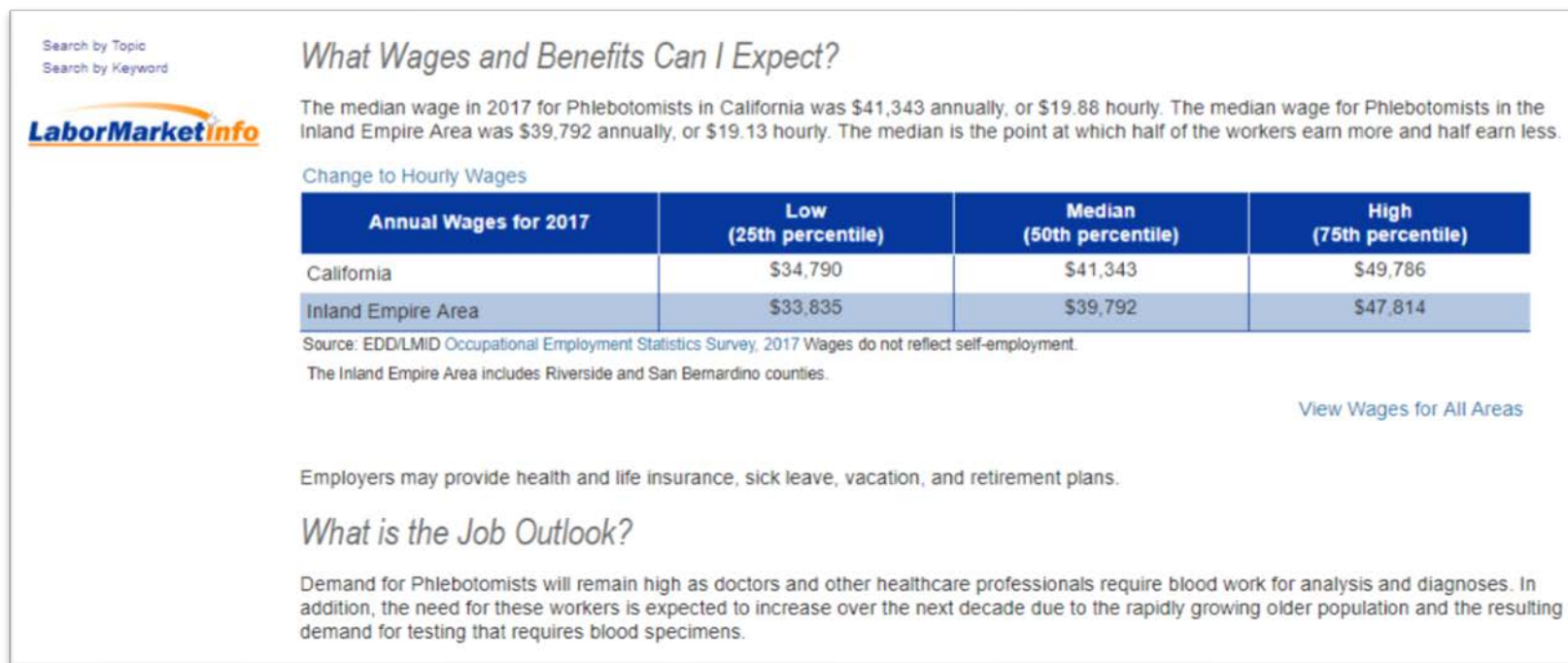
PHLEBOTOMISTS:

- The chart below from the California Employment Development Department (EDD) shows Phlebotomy Wages in California and by County.
- The median hourly wage for a Phlebotomists in San Luis Obispo County is \$20.36.

Phlebotomists 2017 Wages		
Geography	Median Hourly	Median Annually
California	\$19.88	\$41,343
\$19		
\$23		
\$39,145		
\$48,420		
Butte County	\$19.62	\$40,809
East Bay Area	\$22.09	\$45,965
Fresno County	\$18.38	\$38,210
Imperial County	\$17.75	\$36,926
Inland Empire Area	\$19.13	\$39,792
Kern County	\$15.53	\$32,304
Los Angeles County	\$19.96	\$41,518
Madera County	\$17.51	\$36,423
Merced County	\$19.45	\$40,470
Monterey County	\$21.15	\$43,983
Mother Lode Region	\$16.75	\$34,851
Napa County	\$21.67	\$45,072
North Coast Region	\$19.77	\$41,127
North Valley Region	\$19.89	\$41,374
Northern Mountains Region	\$22.39	\$46,582
Sacramento Metro Area	\$19.85	\$41,302
San Benito and Santa Clara Counties	\$19.35	\$40,244
San Diego County	\$19.29	\$40,121
San Francisco Bay Area	\$22.39	\$46,582
San Joaquin County	\$22.37	\$46,530
San Luis Obispo County	\$20.36	\$42,350

Phlebotomists:

- The chart below shows the annual wages for Phlebotomist in California with a range from \$34,790 to \$49,786.
- The chart below also shows a optimistic Job Outlook for Phlebotomists as healthcare professionals require blood work for analysis and diagnosis.
- In addition, the need for these workers is expected to increase over the next decade due to the rapidly growing older population and the resulting demand for testing that requires blood specimens.




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

- No, the Medical Assistant program offered at Cuesta College does not duplicate programs in our area. The nearest community college based Medical Assistant training program is offered at Allan Hancock College in Santa Maria which is approximately 39 miles south of San Luis Obispo. A significant advantage for students that train at Cuesta is that the medical Assisting program is designed as a fast track program that enables students to receive a certificate and enter the workforce after only one semester of training. Hancock's program is a two semester program.
- No, the Phlebotomy program offered at Cuesta College does not duplicate programs in our area. The nearest community college based phlebotomy program is more 100 miles away.

**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

NOTE: MEDICAL ASSISTING as noted below combines Medical Assisting and Phlebotomy

- Perkin's data indicates the Cuesta College Medical Assisting and Phlebotomy (MAST) certificate programs are above all benchmarks in Core 1, 2, 3 and 4.

 PERKINS IV Core Indicators of Performance by Vocational TOP Code Indicators for 2017-2018 Fiscal Year Planning Summary by College for: CUESTA - SAN LUIS OBISPO	
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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
02 ARCHITECTURE AND RELATED TECHNOLOGIES	85.71	100.00	94.29	100.00	25.71	27.59
05 BUSINESS AND MANAGEMENT	87.04	98.71	97.68	75.86	37.06	40.34
06 MEDIA AND COMMUNICATIONS	95.00	97.14	95.00	83.33	20.00	17.65
07 INFORMATION TECHNOLOGY	91.11	100.00	97.73	40.00	11.11	11.11
08 EDUCATION	100.00	100.00	100.00			
09 ENGINEERING AND INDUSTRIAL TECHNOLOGIES	97.70	89.06	94.91	88.89	5.50	10.53
12 HEALTH	92.23	100.00	97.31	99.30	23.16	28.43
1208 MEDICAL ASSISTING	98.25	100.00	100.00	100.00	3.51	0.00
120800 MEDICAL ASSISTING	98.25	100.00	100.00	100.00	3.51	0.00
1230 NURSING	99.33	100.00	93.92	100.00	12.00	9.88
1239 PSYCHIATRIC TECHNICIAN	93.20	100.00	98.63	98.67	42.18	48.98
1250 EMERGENCY MEDICAL SERVICES	44.44	100.00	100.00	100.00		
1251 PARAMEDIC	83.87	100.00	100.00	100.00		
13 FAMILY AND CONSUMER SCIENCES	96.00	98.06	96.85	78.00	10.58	10.18
14 LAW	80.00	100.00	88.00	64.29	28.00	27.78
16 LIBRARY SCIENCE	97.56	94.74	90.24	78.57	19.51	26.32
21 PUBLIC AND PROTECTIVE SERVICES	89.41	97.44	98.82	68.75	43.53	55.81

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: 91.00% Performance Goal - (2014- 2015)

Core 2 - Completions, Certificates, Degrees and Transfer Ready: 88.00% Performance Goal - (2014- 2015)

Core 3 - Persistence in Higher Education: 90.00% Performance Goal - (2014- 2015)

Core 4 - Employment: 68.00% Performance Goal - (2014- 2015)

Core 5 - Training Leading to Non-traditional Employment: Greater than 23.32% Participation & 26.71% Completion - (2014- 2015)

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