

Merritt College

Part of the Peralta Community College District

2013 MENTOR-CONNECT Technical Assistance and Mentoring Support
A Leadership Development and Outreach Initiative for NSF ATE

Establish and build a partnership among feeder high schools, Merritt College and four-year transfer institutions to prepare students (emphasis with under representative populations) for technician education to meet workforce needs that offer pathways in science, technology, engineering and mathematics. Mathematics is the foundational distinction beginning with developmental and leading to advanced levels--statistics, calculus and linear algebra /differential equations. Pathways should provide exit and re-entry access for students with workforce and transfer career objectives. Merritt College provides occupational programs in Administrative of Justice (TSA and possible Cyber Security/CIS), Biology (Genomics, Microcopy), Business & CIS (Project Management, Networking), and Environmental Technology (Green).

2008-2018 Fastest Growing Occupations Oakland-Fremont-Hayward Metropolitan Division (Alameda and Contra Costa Counties)							
SOC Code	Occupational Title	Annual Average Employment		Percent Change	2010-1st Quarter Wages		Education and Training Levels [3]
		2008	2018		Median Hourly [1]	Median Annual [1]	
31-1011	Home Health Aides	4,450	6,700	50.6	\$9.78	\$20,344	11
29-1071	Physician Assistants	740	1,050	41.9	\$49.17	\$102,266	5
39-9031	Fitness Trainers and Aerobics Instructors	2,750	3,850	40.0	\$19.98	\$41,559	7
15-1081	Network Systems and Data Communications Analysts	3,760	5,140	36.7	\$39.02	\$81,150	5
19-1042	Medical Scientists, Except Epidemiologists	1,610	2,190	36.0	\$40.95	\$85,185	2
19-1021	Biochemists and Biophysicists	560	760	35.7	\$42.71	\$88,835	2
29-1122	Occupational Therapists	690	920	33.3	\$42.07	\$87,517	3
29-1123	Physical Therapists	880	1,170	33.0	\$41.84	\$87,039	3

31-9092	Medical Assistants	4,410	5,850	32.7	\$16.41	\$34,140	10
31-9091	Dental Assistants	2,660	3,490	31.2	\$21.68	\$45,088	10
29-2021	Dental Hygienists	2,350	3,080	31.1	\$49.06	\$102,055	6
13-1041	Compliance Officers, Except Agriculture, Construction, Health and Safety, and Transportation	2,200	2,880	30.9	\$28.07	\$58,380	9
29-1065	Pediatricians, General	530	690	30.2	\$77.52	\$161,233	1
29-2055	Surgical Technologists	540	700	29.6	\$24.86	\$51,711	7
29-1063	Internists, General	720	930	29.2	N/A	N/A	1
29-1126	Respiratory Therapists	790	1,010	27.8	\$33.80	\$70,302	6
29-2052	Pharmacy Technicians	1,870	2,390	27.8	\$19.51	\$40,596	10
25-3021	Self-Enrichment Education Teachers	1,780	2,270	27.5	\$23.25	\$48,350	8
13-2052	Personal Financial Advisors	1,580	2,010	27.2	\$33.49	\$69,655	5
43-6013	Medical Secretaries	6,030	7,670	27.2	\$18.51	\$38,495	7
31-1012	Nursing Aides, Orderlies, and Attendants	8,980	11,350	26.4	\$14.64	\$30,466	11
29-1111	Registered Nurses	18,060	22,590	25.1	\$48.06	\$99,961	6
27-2022	Coaches and Scouts	3,000	3,730	24.3	[2]	\$35,935	9
29-2071	Medical Records and Health Information Technicians	1,160	1,430	23.3	\$19.01	\$39,547	6
43-4081	Hotel, Motel, and Resort Desk Clerks	1,170	1,440	23.1	\$10.53	\$21,906	11
29-2061	Licensed Practical and Licensed Vocational Nurses	4,800	5,900	22.9	\$28.24	\$58,735	7
39-3031	Ushers, Lobby Attendants, and Ticket Takers	730	890	21.9	\$10.64	\$22,136	11
11-9111	Medical and Health Services Managers	2,250	2,740	21.8	\$50.22	\$104,461	4
29-2051	Dietetic Technicians	600	730	21.7	\$14.96	\$31,117	10
25-9031	Instructional Coordinators	1,300	1,580	21.5	\$35.29	\$73,409	3
39-3091	Amusement and Recreation Attendants	2,510	3,030	20.7	\$9.50	\$19,756	11
53-3041	Taxi Drivers and Chauffeurs	730	880	20.5	\$11.98	\$24,906	11
29-2056	Veterinary Technologists and Technicians	890	1,070	20.2	\$17.93	\$37,301	6
13-1072	Compensation, Benefits, and Job Analysis Specialists	1,140	1,370	20.2	\$30.91	\$64,282	5
29-2034	Radiologic Technologists and Technicians	1,290	1,550	20.2	\$36.01	\$74,896	6
27-4011	Audio and Video Equipment Technicians	460	550	19.6	\$19.92	\$41,417	9
21-1014	Mental Health Counselors	1,180	1,410	19.5	\$20.99	\$43,646	3
13-1071	Employment, Recruitment, and Placement Specialists	1,040	1,240	19.2	\$28.07	\$58,372	5
13-2041	Credit Analysts	530	630	18.9	\$36.34	\$75,582	5
27-3031	Public Relations Specialists	1,920	2,280	18.8	\$30.21	\$62,841	5
21-1022	Medical and Public Health Social Workers	1,070	1,270	18.7	\$29.43	\$61,226	5
29-1062	Family and General Practitioners	1,190	1,410	18.5	\$67.27	\$139,904	1

23-2011	Paralegals and Legal Assistants	2,010	2,380	18.4	\$29.10	\$60,520	6
43-4111	Interviewers, Except Eligibility and Loan	1,630	1,930	18.4	\$20.70	\$43,068	11
27-3091	Interpreters and Translators	440	520	18.2	\$25.09	\$52,197	9
53-7081	Refuse and Recyclable Material Collectors	1,800	2,120	17.8	\$22.27	\$46,328	11
41-3021	Insurance Sales Agents	2,870	3,380	17.8	\$35.99	\$74,865	6
21-1092	Probation Officers and Correctional Treatment Specialists	960	1,130	17.7	\$38.23	\$79,520	5
13-1073	Training and Development Specialists	1,320	1,550	17.4	\$34.97	\$72,731	5
21-1023	Mental Health and Substance Abuse Social Workers	750	880	17.3	\$25.29	\$52,606	3

**2008-2018 Occupations with the Most Job Openings
Oakland-Fremont-Hayward Metropolitan Division
(Alameda and Contra Costa Counties)**

SOC Code	Occupational Title	Total Job Openings [1]	2010-1st Quarter Wages		Education and Training Levels [4]
			Median Hourly [2]	Median Annual [2]	
41-2011	Cashiers	13,110	\$10.23	\$21,280	11
41-2031	Retail Salespersons	11,270	\$10.94	\$22,763	11
35-3031	Waiters and Waitresses	8,410	\$9.06	\$18,841	11
29-1111	Registered Nurses	7,690	\$48.06	\$99,961	6
43-4051	Customer Service Representatives	6,760	\$17.89	\$37,207	10
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	5,550	\$9.35	\$19,448	11
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	5,520	\$13.50	\$28,088	11
39-9021	Personal and Home Care Aides	5,350	\$11.71	\$24,345	11
43-9061	Office Clerks, General	5,260	\$16.61	\$34,565	11
11-1021	General and Operations Managers	5,110	\$55.05	\$114,489	4
25-2021	Elementary School Teachers, Except Special Education	4,970	[3]	\$61,880	5
43-5081	Stock Clerks and Order Fillers	4,580	\$11.59	\$24,104	11
43-1011	First-Line Supervisors/Managers of Office and Administrative Support Workers	3,630	\$28.23	\$58,714	8
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	3,560	\$9.51	\$19,770	11
25-2031	Secondary School Teachers, Except Special and Vocational Education	3,440	[3]	\$65,253	5
25-9041	Teacher Assistants	3,410	N/A	\$32,343	11
43-6011	Executive Secretaries and Administrative Assistants	3,300	\$23.69	\$49,280	10
31-1012	Nursing Aides, Orderlies, and Attendants	3,250	\$14.64	\$30,466	11
13-2011	Accountants and Auditors	3,040	\$34.52	\$71,810	5
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	2,870	\$19.06	\$39,640	8
35-2021	Food Preparation Workers	2,780	\$9.49	\$19,736	11
43-3031	Bookkeeping, Accounting, and Auditing Clerks	2,720	\$20.36	\$42,350	10
31-1011	Home Health Aides	2,690	\$9.78	\$20,344	11
39-9011	Child Care Workers	2,660	\$10.45	\$21,725	11
29-2061	Licensed Practical and Licensed Vocational Nurses	2,610	\$28.24	\$58,735	7

43-4171	Receptionists and Information Clerks	2,520	\$14.73	\$30,649	11
43-6013	Medical Secretaries	2,450	\$18.51	\$38,495	7
53-3032	Truck Drivers, Heavy and Tractor-Trailer	2,430	\$21.04	\$43,772	10
33-9032	Security Guards	2,360	\$12.31	\$25,601	11
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	2,350	\$12.96	\$26,965	11
37-3011	Landscaping and Groundskeeping Workers	2,330	\$14.34	\$29,815	11
35-9021	Dishwashers	2,290	\$9.12	\$18,981	11
47-2061	Construction Laborers	2,290	\$19.74	\$41,054	10
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	2,240	\$28.42	\$59,107	10
35-2011	Cooks, Fast Food	2,110	\$9.18	\$19,109	11
43-3071	Tellers	2,070	\$13.35	\$27,762	11
47-2031	Carpenters	2,070	\$29.84	\$62,069	9
15-1081	Network Systems and Data Communications Analysts	2,060	\$39.02	\$81,150	5
49-9042	Maintenance and Repair Workers, General	2,020	\$20.62	\$42,885	9
31-9092	Medical Assistants	1,930	\$16.41	\$34,140	10
39-3091	Amusement and Recreation Attendants	1,820	\$9.50	\$19,756	11
35-2014	Cooks, Restaurant	1,760	\$11.92	\$24,783	9
15-1041	Computer Support Specialists	1,740	\$26.31	\$54,730	6
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	1,720	\$9.33	\$19,398	11
17-2051	Civil Engineers	1,710	\$44.77	\$93,121	5
15-1031	Computer Software Engineers, Applications	1,670	\$48.73	\$101,365	5
53-3033	Truck Drivers, Light or Delivery Services	1,620	\$14.81	\$30,817	11
43-5071	Shipping, Receiving, and Traffic Clerks	1,610	\$15.11	\$31,426	11
39-9031	Fitness Trainers and Aerobics Instructors	1,600	\$19.98	\$41,559	7
49-3023	Automotive Service Technicians and Mechanics	1,590	\$23.68	\$49,267	7
	March 2009 Benchmark				
	Table includes the self-employed, unpaid family workers, private household workers, and farm employment.				
	N/A - Information is not available.				
	Excludes "All Other" categories.				

[1]	Total job openings are the sum of new jobs and replacement needs. Some occupations may have no growth (new jobs), however they have a substantial number of job openings due to the need for replacements. Replacement needs estimate of the number of job openings created when workers retire or permanently leave an occupation and need to be replaced.
[2]	Median Hourly and Annual Wages are the estimated 50th percentile of the distribution of wages; 50 percent of workers in an occupation earn wages below, and 50 percent earn wages above the median wage. The wages are from the 2010-1st quarter and do not include self-employed or unpaid family workers.
[3]	In occupations where workers do not work full-time all year-round, it is not possible to calculate an hourly wage.
[4]	Occupational training and education classifications were developed by the Bureau of Labor Statistics (BLS).
	For more information on the classifications, please see the BLS Training Definitions.
	1 - First Professional Degree - LLD/MD
	2 - Doctoral Degree
	3 - Master's Degree
	4 - Bachelor's Degree or Higher and Some Work Experience
	5 - Bachelor's Degree
	6 - Associate Degree
	7 - Post-Secondary Vocational Education
	8 - Work Experience in a Related Occupation
	9 - Long-Term On-the-Job Training
	10 - Moderate-Term On-the-Job Training
	11 - Short-Term On-the-Job Training