

Evaluate and Identify Local Skills Gaps

CIP Code	Program	Institution (2014)	Completions (2014)	Other Regional Completions (2014)	Regional Openings (2015)	Median Hourly Earnings	Regional Jobs (2015)	Growth in Jobs (2015-2020)	Indication
1	Agriculture, General	Cal Poly	21	0	3	\$20.72	51	5%	Completions exceed openings
1.0101	Agricultural Business and Management, General	Cal Poly	148	0	3	\$31.88	199	-1%	Completions exceed openings
1.0201	Agricultural Mechanization, General	Cal Poly	34	0	1	\$19.90	16	20%	Completions exceed openings
1.0309	Viticulture and Enology	Cal Poly	46	0	69	\$30.37	2,352	5%	Opportunity for training
1.0603	Ornamental Horticulture	Cal Poly	13	0	5	\$30.33	286	0%	
1.0802	Agricultural Communication/Journalism	Cal Poly	4	0	15	\$18.81	353	3%	
1.0901	Animal Sciences, General	Cal Poly	109	0	6	\$29.03	243	0%	Completions exceed openings
1.0905	Dairy Science	Cal Poly	30	0	6	\$29.03	243	0%	Completions exceed openings
1.1001	Food Science	Cal Poly	42	0	5	\$20.08	81	7%	Completions exceed openings
1.1102	Agronomy and Crop Science	Cal Poly	21	0	7	\$27.38	279	0%	Completions exceed openings
1.1103	Horticultural Science	Cal Poly	13	0	5	\$29.46	237	0%	
1.1201	Soil Science and Agronomy, General	Cal Poly	6	0	2	\$16.72	38	4%	
3.0299	Natural Resources Management and Policy, Other	Cal Poly	42	0	4	\$19.42	83	5%	Completions exceed openings
3.0501	Forestry, General	Cal Poly	38	0	4	\$19.42	83	5%	Completions exceed openings
4.0201	Architecture	Cal Poly	143	0	5	\$45.48	208	-6%	Completions exceed openings
4.0301	City/Urban, Community and Regional Planning	Cal Poly	52	0	8	\$45.62	226	1%	Completions exceed openings
4.0601	Landscape Architecture	Cal Poly	41	0	4	\$52.97	160	-3%	Completions exceed openings
4.0901	Architectural Technology/Technician	Cuesta	5	0	1	\$15.23	75	-18%	
5.0299	Ethnic, Cultural Minority, Gender, and Group Studies, Other	Cal Poly	8	0	64	\$30.46	2,105	6%	Opportunity for training
9.0101	Speech Communication and Rhetoric	Cuesta	13	0	7	\$24.66	147	12%	
9.0401	Journalism	Cuesta	9	57	7	\$21.09	134	0%	
9.0401	Journalism	Cal Poly	57	9	7	\$21.09	134	0%	Completions exceed openings
9.0701	Radio and Television	Cuesta	2	0	3	\$23.90	71	1%	
10.0301	Graphic Communications, General	Cal Poly	79	0	0	\$20.46	11	-11%	Completions exceed openings
11.0701	Computer Science	Cuesta	8	93	125	\$35.93	1,648	22%	Opportunity for training
11.0701	Computer Science	Cal Poly	93	8	125	\$35.93	1,648	22%	Opportunity for training
11.0901	Computer Systems Networking and Telecommunications	Cuesta	2	0	70	\$28.45	1,048	19%	Opportunity for training
11.1003	Computer and Information Systems Security/Information Assurance	Cuesta	4	0	69	\$28.72	1,093	17%	Opportunity for training
12.05	Cooking and Related Culinary Arts, General	Cuesta	10	0	338	\$12.37	5,283	16%	Opportunity for training
13.0101	Education, General	Cal Poly	61	0	182	\$30.04	4,711	6%	Opportunity for training
13.121	Early Childhood Education and Teaching	Cal Poly	66	0	21	\$18.14	511	4%	Completions exceed openings

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13.1301	Agricultural Teacher Education	Cal Poly	44	0	39	\$31.81	864	6%	
14.0101	Engineering, General	Cal Poly	39	0	5	\$54.25	229	0%	Completions exceed openings
14.0102	Pre-Engineering	Cuesta	9	0	0	\$0.00	0	0%	
14.0201	Aerospace, Aeronautical and Astronautical/Space Engineering	Cal Poly	73	0	5	\$56.00	180	2%	Completions exceed openings
14.0301	Agricultural Engineering	Cal Poly	37	0	3	\$55.62	124	1%	Completions exceed openings
14.0401	Architectural Engineering	Cal Poly	38	0	5	\$54.25	229	0%	Completions exceed openings
14.0501	Bioengineering and Biomedical Engineering	Cal Poly	116	0	4	\$55.41	129	2%	Completions exceed openings
14.0801	Civil Engineering, General	Cal Poly	168	0	14	\$46.93	548	-2%	Completions exceed openings
14.0901	Computer Engineering, General	Cal Poly	50	0	66	\$48.94	856	22%	Opportunity for training
14.0903	Computer Software Engineering	Cal Poly	27	0	50	\$49.26	648	22%	Opportunity for training
14.1001	Electrical and Electronics Engineering	Cal Poly	124	0	15	\$48.06	352	8%	Completions exceed openings
14.1301	Engineering Science	Cal Poly	33	0	5	\$54.25	229	0%	Completions exceed openings
14.1401	Environmental/Environmental Health Engineering	Cal Poly	36	0	6	\$50.90	199	1%	Completions exceed openings
14.1801	Materials Engineering	Cal Poly	46	0	13	\$36.29	407	2%	Completions exceed openings
14.1901	Mechanical Engineering	Cal Poly	195	0	18	\$36.05	544	2%	Completions exceed openings
14.3301	Construction Engineering	Cal Poly	64	0	15	\$39.56	507	1%	Completions exceed openings
14.3501	Industrial Engineering	Cal Poly	48	0	8	\$47.64	207	5%	Completions exceed openings
14.3601	Manufacturing Engineering	Cal Poly	18	0	15	\$39.56	507	1%	Completions exceed openings
15.0499	Electromechanical and Instrumentation and Maintenance Technologies/Technicians, Other	Cuesta	1	0	1	\$17.49	36	3%	
15.0612	Industrial Technology/Technician	Cal Poly	49	0	1	\$28.93	17	14%	Completions exceed openings
15.1501	Engineering/Industrial Management	Cal Poly	1	0	1	\$28.93	17	14%	
16.0101	Foreign Languages and Literatures, General	Cal Poly	10	0	5	\$17.57	102	13%	
19.0701	Human Development and Family Studies, General	Cuesta	5	0	0	\$24.84	13	6%	
19.0709	Child Care Provider/Assistant	Cuesta	20	0	12	\$11.27	402	-1%	Completions exceed openings
19.0905	Apparel and Textile Marketing Management	Cuesta	1	0	9	\$36.28	183	10%	
22	Legal Studies, General	Cuesta	11	0	12	\$45.79	525	3%	
22.0302	Legal Assistant/Paralegal	Cuesta	11	0	5	\$24.23	200	1%	
23.0101	English Language and Literature, General	Cuesta	10	64	64	\$30.46	2,105	6%	
23.0101	English Language and Literature, General	Cal Poly	64	10	64	\$30.46	2,105	6%	Completions exceed openings
23.1304	Rhetoric and Composition	Cal Poly	44	0	64	\$30.46	2,105	6%	

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24.0101	Liberal Arts and Sciences/Liberal Studies	Cal Poly	131	265	64	\$30.46	2,105	6%	Completions exceed openings
24.0101	Liberal Arts and Sciences/Liberal Studies	Cuesta	265	131	64	\$30.46	2,105	6%	Completions exceed openings
24.0103	Humanities/Humanistic Studies	Cuesta	99	0	0	\$0.00	0	0%	Completions exceed openings
24.0199	Liberal Arts and Sciences, General Studies and Humanities, Other	Cal Poly	10	0	0	\$0.00	0	0%	
25.0301	Library and Archives Assisting	Cuesta	17	0	18	\$18.22	223	11%	
25.9999	Library Science, Other	Cuesta	1	0	5	\$21.79	142	7%	
26.0101	Biology/Biological Sciences, General	Cuesta	1	166	4	\$41.80	80	7%	
26.0101	Biology/Biological Sciences, General	Cal Poly	166	1	4	\$41.80	80	7%	Completions exceed openings
26.0202	Biochemistry	Cal Poly	31	0	4	\$43.14	74	14%	Completions exceed openings
26.0502	Microbiology, General	Cal Poly	25	0	2	\$42.85	45	9%	Completions exceed openings
27.0101	Mathematics, General	Cuesta	26	50	2	\$47.15	30	13%	Completions exceed openings
27.0101	Mathematics, General	Cal Poly	50	26	2	\$47.15	30	13%	Completions exceed openings
27.0501	Statistics, General	Cal Poly	15	0	2	\$47.70	29	13%	Completions exceed openings
30.0101	Biological and Physical Sciences	Cuesta	139	0	1	\$49.65	23	9%	Completions exceed openings
31.0101	Parks, Recreation and Leisure Studies	Cal Poly	101	0	13	\$10.99	327	9%	Completions exceed openings
31.0501	Health and Physical Education/Fitness, General	Cuesta	1	140	24	\$19.23	685	6%	
31.0501	Health and Physical Education/Fitness, General	Cal Poly	140	1	24	\$19.23	685	6%	Completions exceed openings
31.0505	Kinesiology and Exercise Science	Cuesta	3	0	1	\$24.55	22	12%	
38.0101	Philosophy	Cal Poly	13	0	64	\$30.46	2,105	6%	Opportunity for training
40.0501	Chemistry, General	Cuesta	6	25	4	\$35.53	73	11%	
40.0501	Chemistry, General	Cal Poly	25	6	4	\$35.53	73	11%	Completions exceed openings
40.0507	Polymer Chemistry	Cal Poly	7	0	4	\$35.53	73	11%	
40.0601	Geology/Earth Science, General	Cuesta	2	0	4	\$45.81	102	0%	
40.0699	Geological and Earth Sciences/Geosciences, Other	Cal Poly	20	0	2	\$48.18	64	4%	Completions exceed openings
40.0801	Physics, General	Cuesta	5	35	1	\$51.81	29	10%	
40.0801	Physics, General	Cal Poly	35	5	1	\$51.81	29	10%	Completions exceed openings
42.0101	Psychology, General	Cuesta	12	68	9	\$52.48	217	3%	
42.0101	Psychology, General	Cal Poly	68	12	9	\$52.48	217	3%	Completions exceed openings
43.0107	Criminal Justice/Police Science	Cuesta	31	0	34	\$45.82	732	6%	Opportunity for training
43.0202	Fire Services Administration	Cal Poly	14	0	2	\$76.99	31	8%	Completions exceed openings
44.0401	Public Administration	Cal Poly	15	0	107	\$41.36	2,681	8%	Opportunity for training
45.0101	Social Sciences, General	Cal Poly	24	0	2	\$29.69	47	7%	Completions exceed openings

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45.0201	Anthropology	Cuesta	1	0	1	\$27.06	14	12%	
45.0601	Economics, General	Cal Poly	58	0	1	\$38.78	15	12%	Completions exceed openings
45.0901	International Relations and Affairs	Cuesta	1	0	1	\$15.72	33	8%	
45.1001	Political Science and Government, General	Cuesta	10	81	0	\$38.17	2	21%	
45.1001	Political Science and Government, General	Cal Poly	81	10	0	\$38.17	2	21%	Completions exceed openings
45.1101	Sociology	Cuesta	17	36	0	\$35.27	5	7%	Completions exceed openings
45.1101	Sociology	Cal Poly	36	17	0	\$35.27	5	7%	Completions exceed openings
45.9999	Social Sciences, Other	Cal Poly	24	0	1	\$34.67	31	5%	Completions exceed openings
46.0302	Electrician	Cuesta	4	0	42	\$32.14	1,136	11%	Opportunity for training
46.0415	Building Construction Technology	Cuesta	1	0	9	\$33.96	579	3%	
47.0603	Autobody/Collision and Repair Technology/Technician	Cuesta	1	0	2	\$18.46	81	-2%	
47.0604	Automobile/Automotive Mechanics Technology/Technician	Cuesta	23	0	15	\$19.94	606	0%	Completions exceed openings
48.0508	Welding Technology/Welder	Cuesta	11	0	15	\$17.37	193	20%	
50.0407	Fashion/Apparel Design	Cuesta	2	0	0	\$21.75	8	5%	
50.0408	Interior Design	Cuesta	3	0	1	\$17.14	35	-1%	
50.0501	Drama and Dramatics/Theatre Arts, General	Cal Poly	14	0	4	\$23.43	78	7%	Completions exceed openings
50.0701	Art/Art Studies, General	Cuesta	2	0	1	\$17.10	28	-6%	
50.0702	Fine/Studio Arts, General	Cal Poly	31	0	1	\$20.89	14	14%	Completions exceed openings
50.0705	Drawing	Cuesta	9	0	3	\$22.42	40	15%	
50.0901	Music, General	Cuesta	6	15	2	\$23.79	71	-20%	
50.0901	Music, General	Cal Poly	15	6	2	\$23.79	71	-20%	Completions exceed openings
51.0801	Medical/Clinical Assistant	Cuesta	4	39	26	\$15.02	697	7%	
51.1502	Psychiatric/Mental Health Services Technician	Cuesta	79	0	10	\$29.18	759	-1%	Completions exceed openings
51.3101	Dietetics/Dietitian	Cal Poly	82	0	8	\$29.63	249	7%	Completions exceed openings
51.3801	Registered Nursing/Registered Nurse	Cuesta	77	0	57	\$42.79	1,401	8%	
51.3901	Licensed Practical/Vocational Nurse Training	Cuesta	27	0	27	\$25.43	377	18%	
52.0201	Business Administration and Management, General	Cuesta	105	495	169	\$37.90	4,283	8%	
52.0201	Business Administration and Management, General	Cal Poly	495	105	169	\$37.90	4,283	8%	Completions exceed openings
52.0299	Business Administration, Management and Operations, Other	Cal Poly	2	0	24	\$29.40	496	10%	Opportunity for training
52.0301	Accounting	Cal Poly	15	0	39	\$30.73	848	7%	Opportunity for training
52.0302	Accounting Technology/Technician and Bookkeeping	Cuesta	1	0	68	\$18.42	2,302	7%	Opportunity for training
52.0401	Administrative Assistant and Secretarial Science, General	Cuesta	3	0	81	\$18.40	2,987	6%	Opportunity for training

Business Council - Discussion Item - February 25, 2016
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54.0101	History, General	Cuesta	4	55	0	\$28.95	1	16%	
54.0101	History, General	Cal Poly	55	4	0	\$28.95	1	16%	Completions exceed openings
	Key								
	Yellow = Central California School								
	Orange = Multiple institutes providing program								
	Red = Completions exceed regional openings								
	Green = Greater regional openings than completions								