



CENTER OF EXCELLENCE
FOR LABOR MARKET RESEARCH

ORANGE COUNTY



ORANGE COUNTY SECTOR PROFILE
SUPPLEMENTAL APPENDICES:
OTHER

2024

**ORANGE COUNTY
REGIONAL CONSORTIUM**

**WORKFORCE
DEVELOPMENT ALLIANCE**



California
Community
Colleges

Table of Contents

Introduction.....	2
Appendix D: Other Sector Demand – Labor Market Data	3
Exhibit 24: Occupational Demand for the 102 Other Sector Occupations	3
Appendix E: Other Sector Supply – Community College and Non-Community College Awards.....	10
Exhibit 25: Other Sector Community College Awards by Program, 2020-2023	10
Exhibit 26: Other Sector Community College Awards by College, 2020-2023.....	11
Exhibit 27: Other Sector Non-Community College Awards by Program, 2019-2022	11
Exhibit 28: Other Sector Non-Community College Awards by Institution, 2019-2022	15
Appendix F: Other Sector CIP Codes.....	17
Exhibit 29: List of CIP with No Supply in Orange County	17

INTRODUCTION

The Orange County Center of Excellence for Labor Market Research (OC COE) is releasing a series of 12 sector profiles to provide a comprehensive analysis of Orange County's occupational landscape. This series dives into each of the 12 community college sectors, offering historical and projected occupational insights while building upon foundational research established through the [Orange County Labor Market Overview](#).

In addition to the profiles themselves, supplemental appendices for each sector are being issued to provide detailed demand and supply data. The data in these appendices are presented to the region with the intent of being utilized for grant applications, project proposals, and the like. The full [Other Sector Profile](#) is available on the COE Website.

Occupations are denoted throughout this report in italics, with their corresponding SOC code in parentheses. Middle-skill occupations have no special notation however, below middle-skill occupations are denoted with an * and above middle-skill occupations denoted with a ^. Occupations that are on U.S. News & World Report's 2024 100 Best Jobs list are denoted by a #, such as, *Technical Writers (27-3042)*[#].

By examining this labor market data, in conjunction with the individual sector profiles, the OC COE seeks to highlight underlying dynamics and intricacies shaping each sector in Orange County. Community colleges and regional stakeholders can use this information for strategic planning and data-informed decision making to address workforce needs in this sector.

APPENDIX D: OTHER SECTOR DEMAND – LABOR MARKET DATA

Exhibit 24 shows the traditional labor market data points for all 102 occupations analyzed in the Other Sector Profile. Below middle-skill occupations are indicated with light shading, middle-skill occupations are denoted with medium shading, and above middle-skill occupations are indicated with dark shading.

Exhibit 24: Occupational Demand for the 102 Other Sector Occupations

Skill Level	SOC	Occupation	2022 Jobs	2027 Jobs	5-Yr Change	5-Yr % Change	Annual Openings	Pct. 25 Hourly Earnings	Median Hourly Earnings	Pct. 75 Hourly Earnings	Typical Entry Level Education	Work Experience Required	Typical On-The-Job Training
Below Middle-Skill	41-2011	Cashiers*	35,523	34,681	(842)	(2%)	6,635	\$14.56	\$15.46	\$16.17	No formal educational credential	None	Short-term on-the-job training
	37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners*	32,432	35,934	3,502	11%	5,472	\$14.45	\$15.93	\$18.59	No formal educational credential	None	Short-term on-the-job training
	39-3091	Amusement and Recreation Attendants*	12,209	14,492	2,282	19%	3,991	\$14.06	\$14.30	\$14.60	No formal educational credential	None	Short-term on-the-job training
	37-2012	Maids and Housekeeping Cleaners*	16,793	18,494	1,701	10%	2,797	\$14.39	\$16.50	\$19.78	No formal educational credential	None	Short-term on-the-job training
	35-9021	Dishwashers*	6,273	6,988	715	11%	1,269	\$15.01	\$15.57	\$16.29	No formal educational credential	None	Short-term on-the-job training
	41-2021	Counter and Rental Clerks*	7,750	8,038	288	4%	1,022	\$17.28	\$18.95	\$22.84	No formal educational credential	None	Short-term on-the-job training
	53-7061	Cleaners of Vehicles and Equipment*	5,146	5,288	141	3%	777	\$15.39	\$16.98	\$18.11	No formal educational credential	None	Short-term on-the-job training
	39-3031	Ushers, Lobby Attendants, and Ticket Takers*	1,789	2,171	382	21%	633	\$14.05	\$14.36	\$14.89	No formal educational credential	None	Short-term on-the-job training
	53-6021	Parking Attendants*	2,278	2,532	254	11%	400	\$14.20	\$14.81	\$15.11	No formal educational credential	None	Short-term on-the-job training
	43-4061	Eligibility Interviewers, Government Programs*	2,870	2,999	129	4%	313	\$22.85	\$27.35	\$28.29	High school diploma or equivalent	None	Moderate-term on-the-job training
	43-4111	Interviewers, Except Eligibility and Loan*	1,873	1,916	43	2%	259	\$18.21	\$21.46	\$24.21	High school diploma or equivalent	None	Short-term on-the-job training
	51-6011	Laundry and Dry-Cleaning Workers*	1,373	1,485	112	8%	230	\$14.40	\$15.81	\$17.19	No formal educational credential	None	Short-term on-the-job training
	43-4199	Information and Record Clerks, All Other*	1,713	1,801	88	5%	223	\$19.42	\$23.38	\$29.15	High school diploma or equivalent	None	Short-term on-the-job training

Skill Level	SOC	Occupation	2022 Jobs	2027 Jobs	5-Yr Change	5-Yr % Change	Annual Openings	Pct. 25 Hourly Earnings	Median Hourly Earnings	Pct. 75 Hourly Earnings	Typical Entry Level Education	Work Experience Required	Typical On-The-Job Training
Below Middle-Skill	43-5052	Postal Service Mail Carriers*	2,465	2,403	(62)	(3%)	189	\$21.62	\$29.66	\$33.68	High school diploma or equivalent	None	Short-term on-the-job training
	53-7081	Refuse and Recyclable Material Collectors*	895	929	34	4%	136	\$19.15	\$26.80	\$28.66	No formal educational credential	None	Short-term on-the-job training
	43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators*	1,381	1,303	(78)	(6%)	129	\$18.77	\$23.19	\$31.71	High school diploma or equivalent	None	Short-term on-the-job training
	49-9098	Helpers--Installation, Maintenance, and Repair Workers*	872	918	46	5%	117	\$18.29	\$18.41	\$20.06	High school diploma or equivalent	None	Short-term on-the-job training
	37-3019	Grounds Maintenance Workers, All Other*	708	715	6	1%	93	\$15.63	\$22.26	\$30.32	No formal educational credential	None	Short-term on-the-job training
	43-2011	Switchboard Operators, Including Answering Service*	744	694	(49)	(7%)	87	\$16.65	\$18.31	\$22.69	High school diploma or equivalent	None	Short-term on-the-job training
	43-4121	Library Assistants, Clerical*	456	488	32	7%	85	\$16.76	\$21.20	\$24.15	High school diploma or equivalent	None	Short-term on-the-job training
	27-2023	Umpires, Referees, and Other Sports Officials*	316	327	11	3%	74	\$14.01	\$15.08	\$20.72	High school diploma or equivalent	None	Moderate-term on-the-job training
	37-2019	Building Cleaning Workers, All Other*	400	443	43	11%	67	\$16.25	\$20.32	\$23.20	No formal educational credential	None	Short-term on-the-job training
	27-1012	Craft Artists*	426	485	58	14%	59	\$3.22	\$9.70	\$19.76	No formal educational credential	None	Long-term on-the-job training
	51-6021	Pressers, Textile, Garment, and Related Materials*	492	441	(52)	(10%)	57	\$14.47	\$16.12	\$17.03	No formal educational credential	None	Short-term on-the-job training
	43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service*	408	414	6	1%	56	\$16.21	\$18.26	\$22.05	High school diploma or equivalent	None	Short-term on-the-job training
51-6052	Tailors, Dressmakers, and Custom Sewers*	388	364	(24)	(6%)	53	\$8.93	\$15.68	\$23.58	No formal educational credential	None	Moderate-term on-the-job training	

Skill Level	SOC	Occupation	2022 Jobs	2027 Jobs	5-Yr Change	5-Yr % Change	Annual Openings	Pct. 25 Hourly Earnings	Median Hourly Earnings	Pct. 75 Hourly Earnings	Typical Entry Level Education	Work Experience Required	Typical On-The-Job Training
Below Middle-Skill	49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers*	305	346	41	14%	49	\$18.99	\$26.16	\$33.45	High school diploma or equivalent	None	Short-term on-the-job training
	43-5051	Postal Service Clerks*	467	455	(11)	(2%)	42	\$25.11	\$32.25	\$32.25	High school diploma or equivalent	None	Short-term on-the-job training
	49-3091	Bicycle Repairers*	335	339	4	1%	39	\$15.82	\$16.62	\$20.25	High school diploma or equivalent	None	Moderate-term on-the-job training
	39-4021	Funeral Attendants*	153	185	33	21%	33	\$16.01	\$16.31	\$19.00	High school diploma or equivalent	None	Short-term on-the-job training
	49-9096	Riggers*	194	204	9	5%	25	\$37.44	\$40.61	\$59.36	High school diploma or equivalent	None	Moderate-term on-the-job training
	49-9011	Mechanical Door Repairers*	230	247	17	7%	22	\$24.25	\$27.17	\$30.98	High school diploma or equivalent	None	Moderate-term on-the-job training
	27-2021	Athletes and Sports Competitors*	134	132	(2)	(2%)	21	\$21.00	\$74.99	\$140.46	No formal educational credential	None	Long-term on-the-job training
	41-9012	Models*	85	81	(4)	(4%)	15	\$25.19	\$59.09	\$101.34	No formal educational credential	None	None
	51-6041	Shoe and Leather Workers and Repairers*	81	79	(1)	(1%)	11	\$15.04	\$17.44	\$21.48	High school diploma or equivalent	None	Moderate-term on-the-job training
	51-6051	Sewers, Hand*	85	77	(8)	(9%)	11	\$7.69	\$14.78	\$18.07	No formal educational credential	None	Moderate-term on-the-job training
	51-6042	Shoe Machine Operators and Tenders*	70	70	0	0%	10	\$19.31	\$19.70	\$20.52	High school diploma or equivalent	None	Short-term on-the-job training
	39-3021	Motion Picture Projectionists*	28	32	3	12%	9	\$15.51	\$17.51	\$28.51	No formal educational credential	None	Short-term on-the-job training
	33-9011	Animal Control Workers*	83	91	8	10%	8	\$24.76	\$27.11	\$32.86	High school diploma or equivalent	None	Moderate-term on-the-job training
53-7072	Pump Operators, Except Wellhead Pumpers*	59	60	1	1%	7	\$21.10	\$25.94	\$36.55	High school diploma or equivalent	None	Moderate-term on-the-job training	

Skill Level	SOC	Occupation	2022 Jobs	2027 Jobs	5-Yr Change	5-Yr % Change	Annual Openings	Pct. 25 Hourly Earnings	Median Hourly Earnings	Pct. 75 Hourly Earnings	Typical Entry Level Education	Work Experience Required	Typical On-The-Job Training
Below Middle-Skill	53-6041	Traffic Technicians*	30	33	3	10%	5	\$24.09	\$30.01	\$38.48	High school diploma or equivalent	None	Moderate-term on-the-job training
	39-4012	Crematory Operators*	21	25	4	20%	4	\$14.02	\$14.33	\$15.70	High school diploma or equivalent	None	Short-term on-the-job training
	53-7041	Hoist and Winch Operators*	18	18	1	4%	3	\$23.04	\$31.97	\$47.32	No formal educational credential	None	Short-term on-the-job training
	49-9097	Signal and Track Switch Repairers*	14	14	0	1%	1	\$38.87	\$43.80	\$45.15	High school diploma or equivalent	None	Moderate-term on-the-job training
Middle-Skill	39-9031	Exercise Trainers and Group Fitness Instructors	4,612	5,405	793	17%	1,046	\$15.29	\$22.93	\$35.51	High school diploma or equivalent	None	Short-term on-the-job training
	23-2011	Paralegals and Legal Assistants#	4,124	4,680	555	13%	582	\$25.27	\$30.40	\$40.11	Associate degree	None	None
	43-6012	Legal Secretaries and Administrative Assistants	3,583	3,427	(156)	(4%)	437	\$20.62	\$20.62	\$31.45	High school diploma or equivalent	None	Moderate-term on-the-job training
	49-2011	Computer, Automated Teller, and Office Machine Repairers	1,560	1,416	(143)	(9%)	160	\$18.99	\$23.83	\$30.56	Some college, no degree	None	Short-term on-the-job training
	27-3091	Interpreters and Translators	948	1,104	156	16%	135	\$20.09	\$29.09	\$42.86	Bachelor's degree	None	None
	23-2099	Legal Support Workers, All Other	874	894	20	2%	105	\$19.78	\$27.51	\$42.01	Associate degree	None	None
	25-4031	Library Technicians	641	670	29	5%	100	\$16.87	\$20.16	\$22.77	Postsecondary nondegree award	None	None
	51-9071	Jewelers and Precious Stone and Metal Workers	607	611	4	1%	81	\$14.04	\$19.29	\$26.65	High school diploma or equivalent	None	Long-term on-the-job training
	43-4031	Court, Municipal, and License Clerks	568	616	47	8%	76	\$20.92	\$25.09	\$28.53	High school diploma or equivalent	None	Long-term on-the-job training
	19-4061	Social Science Research Assistants	390	418	28	7%	55	\$21.26	\$23.74	\$31.98	Bachelor's degree	None	None
	27-3092	Court Reporters and Simultaneous Captioners	294	295	0	0%	33	\$23.84	\$40.90	\$52.90	Postsecondary nondegree award	None	Short-term on-the-job training
49-9094	Locksmiths and Safe Repairers	312	297	(15)	(5%)	32	\$22.99	\$25.56	\$34.45	High school diploma or equivalent	None	Long-term on-the-job training	

Skill Level	SOC	Occupation	2022 Jobs	2027 Jobs	5-Yr Change	5-Yr % Change	Annual Openings	Pct. 25 Hourly Earnings	Median Hourly Earnings	Pct. 75 Hourly Earnings	Typical Entry Level Education	Work Experience Required	Typical On-The-Job Training
Middle-Skill	49-9063	Musical Instrument Repairers and Tuners	111	110	(1)	(1%)	12	\$16.55	\$19.34	\$30.67	High school diploma or equivalent	None	Apprenticeship
	49-9064	Watch and Clock Repairers	39	38	(1)	(3%)	4	\$10.76	\$19.88	\$32.40	High school diploma or equivalent	None	Long-term on-the-job training
	11-9131	Postmasters and Mail Superintendents	25	26	0	2%	2	\$40.51	\$43.63	\$48.61	High school diploma or equivalent	Less than 5 years	Moderate-term on-the-job training
Above Middle-Skill	23-1011	Lawyers^#	12,715	13,882	1,167	9%	855	\$48.58	\$72.15	\$101.75	Doctoral or professional degree	None	None
	27-2022	Coaches and Scouts^#	2,810	3,450	640	23%	533	\$15.30	\$20.98	\$31.50	Bachelor's degree	None	None
	13-1041	Compliance Officers^	4,532	4,698	166	4%	398	\$28.78	\$37.25	\$49.72	Bachelor's degree	None	Moderate-term on-the-job training
	21-2011	Clergy^	2,213	2,360	147	7%	240	\$27.70	\$31.93	\$41.08	Bachelor's degree	None	Moderate-term on-the-job training
	27-3043	Writers and Authors^	1,957	2,054	96	5%	219	\$16.62	\$34.67	\$59.64	Bachelor's degree	None	Long-term on-the-job training
	17-2199	Engineers, All Other^	3,078	3,114	36	1%	206	\$39.07	\$50.69	\$66.50	Bachelor's degree	None	None
	21-2021	Directors, Religious Activities and Education^	1,712	1,804	92	5%	202	\$23.63	\$30.26	\$48.07	Bachelor's degree	Less than 5 years	None
	27-1013	Fine Artists, Including Painters, Sculptors, and Illustrators^	1,251	1,481	230	18%	188	\$6.21	\$17.51	\$31.02	Bachelor's degree	None	Long-term on-the-job training
	27-3041	Editors^	1,510	1,419	(91)	(6%)	150	\$25.64	\$41.50	\$67.47	Bachelor's degree	Less than 5 years	None
	27-1029	Designers, All Other^	1,146	1,144	(2)	0%	105	\$16.78	\$26.67	\$48.56	Bachelor's degree	None	None
	19-2031	Chemists^	1,040	1,088	48	5%	97	\$30.74	\$38.18	\$50.33	Bachelor's degree	None	None
21-2099	Religious Workers, All Other^	613	651	38	6%	88	\$16.45	\$21.54	\$30.69	Bachelor's degree	None	None	
17-2011	Aerospace Engineers^	1,246	1,252	6	0%	71	\$51.17	\$65.30	\$84.45	Bachelor's degree	None	None	

Skill Level	SOC	Occupation	2022 Jobs	2027 Jobs	5-Yr Change	5-Yr % Change	Annual Openings	Pct. 25 Hourly Earnings	Median Hourly Earnings	Pct. 75 Hourly Earnings	Typical Entry Level Education	Work Experience Required	Typical On-The-Job Training
Above Middle-Skill	11-9121	Natural Sciences Managers^	633	672	40	6%	60	\$61.22	\$78.26	\$101.52	Bachelor's degree	5 years or more	None
	27-3042	Technical Writers^#	473	504	31	7%	50	\$33.33	\$45.33	\$54.38	Bachelor's degree	Less than 5 years	Short-term on-the-job training
	19-3051	Urban and Regional Planners^	416	444	28	7%	42	\$36.30	\$46.06	\$54.23	Master's degree	None	None
	19-1021	Biochemists and Biophysicists^#	242	262	20	8%	25	\$39.25	\$51.93	\$67.53	Doctoral or professional degree	None	None
	15-2041	Statisticians^#	217	253	36	17%	24	\$40.48	\$51.63	\$62.99	Master's degree	None	None
	19-1022	Microbiologists^	204	220	16	8%	21	\$32.52	\$46.92	\$53.80	Bachelor's degree	None	None
	19-3099	Social Scientists and Related Workers, All Other^	164	175	12	7%	18	\$27.53	\$39.33	\$54.07	Bachelor's degree	None	None
	23-1012	Judicial Law Clerks^	203	214	11	6%	17	\$24.53	\$34.88	\$44.58	Doctoral or professional degree	None	None
	25-4011	Archivists^	108	120	12	11%	16	\$21.39	\$27.43	\$37.41	Master's degree	None	None
	19-3091	Anthropologists and Archeologists^	148	153	5	4%	15	\$25.47	\$27.83	\$33.93	Master's degree	None	None
	19-1099	Life Scientists, All Other^	198	207	10	5%	14	\$46.67	\$76.59	\$104.93	Bachelor's degree	None	None
	19-3011	Economists^	148	160	12	8%	14	\$34.86	\$61.16	\$83.63	Master's degree	None	None
	11-1031	Legislators^	120	129	9	8%	11	\$17.12	\$25.34	\$39.07	Bachelor's degree	Less than 5 years	None
	23-1022	Arbitrators, Mediators, and Conciliators^	170	185	15	9%	11	\$38.16	\$50.00	\$59.16	Bachelor's degree	Less than 5 years	Moderate-term on-the-job training
	19-3022	Survey Researchers^	96	101	4	5%	10	\$25.56	\$30.59	\$41.05	Master's degree	None	None
25-4012	Curators^	65	70	5	7%	9	\$25.64	\$32.53	\$42.53	Master's degree	None	None	
19-2012	Physicists^	85	94	9	10%	8	\$51.85	\$66.58	\$81.86	Doctoral or professional degree	None	None	

Skill Level	SOC	Occupation	2022 Jobs	2027 Jobs	5-Yr Change	5-Yr % Change	Annual Openings	Pct. 25 Hourly Earnings	Median Hourly Earnings	Pct. 75 Hourly Earnings	Typical Entry Level Education	Work Experience Required	Typical On-The-Job Training
Above Middle-Skill	19-2043	Hydrologists [^]	75	79	4	5%	8	\$37.44	\$49.81	\$76.10	Bachelor's degree	None	None
	23-1021	Administrative Law Judges, Adjudicators, and Hearing Officers [^]	131	136	4	3%	7	\$41.53	\$59.08	\$70.86	Doctoral or professional degree	5 years or more	Short-term on-the-job training
	23-1023	Judges, Magistrate Judges, and Magistrates [^]	104	112	8	7%	7	\$53.02	\$55.76	\$102.86	Doctoral or professional degree	5 years or more	Short-term on-the-job training
	25-4013	Museum Technicians and Conservators [^]	44	50	6	14%	7	\$20.96	\$25.59	\$33.29	Bachelor's degree	None	None
	19-2021	Atmospheric and Space Scientists [^]	64	71	7	10%	6	\$28.00	\$39.74	\$45.49	Bachelor's degree	None	None
	19-3093	Historians [^]	35	41	6	17%	5	\$17.03	\$31.31	\$52.14	Master's degree	None	None
	19-3041	Sociologists [^]	38	39	1	3%	4	\$33.02	\$60.57	\$82.23	Master's degree	None	None
	19-3094	Political Scientists ^{^#}	15	17	2	13%	2	\$29.58	\$65.39	\$83.22	Master's degree	None	None
	15-2021	Mathematicians [^]	15	16	1	4%	1	\$62.65	\$63.29	\$70.42	Master's degree	None	None
	15-2099	Mathematical Science Occupations, All Other [^]	10	13	2	23%	1	\$24.85	\$46.21	\$46.88	Bachelor's degree	None	None
	17-2121	Marine Engineers and Naval Architects [^]	19	19	0	2%	1	\$44.18	\$58.00	\$58.52	Bachelor's degree	None	None
	19-3092	Geographers [^]	<10	<10	Insf. Data	Insf. Data	1	Insf. Data	Insf. Data	Insf. Data	Bachelor's degree	None	None
	19-2011	Astronomers [^]	<10	<10	Insf. Data	Insf. Data	0	Insf. Data	Insf. Data	Insf. Data	Doctoral or professional degree	None	None

APPENDIX E: OTHER SECTOR SUPPLY – COMMUNITY COLLEGE AND NON-COMMUNITY COLLEGE AWARDS

This appendix provides labor market supply information, which equates to educational awards, for the Other Sector.

Exhibit 25 shows the distribution of community college awards in Orange County by program in the Other Sector.

Exhibit 25: Other Sector Community College Awards by Program, 2020-2023

TOP	Program	2020-2021 Awards	2021-2022 Awards	2022-2023 Awards	3-Year Award Average
0514.10	Legal Office Technology	3	2	2	2
0514.30	Court Reporting	-	25	2	9
0516.00	Labor and Industrial Relations	-	-	-	-
0602.00	Journalism	72	48	39	53
0604.30	Broadcast Journalism	-	-	-	-
0607.00	Technical Communication	1	5	1	2
0610.00	Mass Communications	-	-	-	-
0699.00	Other Media and Communications	-	-	-	-
0835.20	Fitness Trainer	65	74	44	61
0835.60	Coaching	4	6	7	6
0850.10	Sign Language Interpreting	22	18	31	24
0924.00	Engineering Technology, General (requires Trigonometry)	5	-	-	2
0962.00	Musical Instrument Repair	-	-	-	-
1009.00	Applied Design	1	-	-	0
1099.00	Other Fine and Applied Arts	-	-	-	-
1228.00	Athletic Training and Sports Medicine	-	-	-	-
1402.00	Paralegal	236	225	237	233
1602.00	Library Technician (Aide)	12	19	20	17
2102.00	Public Administration	-	-	-	-
2140.00	Legal and Community Interpretation	10	6	28	15
	Total/Average	431	428	411	423

Exhibit 26 details Other Sector supply award counts by Orange County community college.

Exhibit 26: Other Sector Community College Awards by College, 2020-2023

College	2020-2021 Awards	2021-2022 Awards	2022-2023 Awards	3-Year Award Average
Coastline	48	51	69	56
Cypress	6	42	16	21
Fullerton	120	59	78	86
Golden West	20	18	18	19
Irvine Valley	26	63	47	45
North Orange Adult	-	-	-	-
Orange Coast	34	42	21	32
Saddleback	50	50	31	44
Santa Ana	125	103	122	117
Santiago Canyon	2	-	9	4
Total/Average	431	428	411	423

Exhibit 27 provides the number of Other Sector awards conferred by non-community college programs.

Exhibit 27: Other Sector Non-Community College Awards by Program, 2019-2022

CIP	Program	2019-2020 Awards	2020-2021 Awards	2021-2022 Awards	3-Year Award Average
03.0103	Environmental Studies	19	39	50	36
03.0104	Environmental Science	62	35	34	44
04.0301	City/Urban, Community, and Regional Planning	24	36	35	32
09.0100	Communication, General	31	38	51	40
09.0101	Speech Communication and Rhetoric	884	874	776	845
09.0102	Mass Communication/Media Studies	10	8	14	11
09.0402	Broadcast Journalism	33	30	25	29
13.0601	Educational Evaluation and Research	-	19	46	22
14.0101	Engineering, General	10	3	-	4
14.0201	Aerospace, Aeronautical, and Astronautical/Space Engineering, General	59	72	78	70
14.1001	Electrical and Electronics Engineering	336	267	247	283
14.1901	Mechanical Engineering	577	568	474	540

CIP	Program	2019-2020 Awards	2020-2021 Awards	2021-2022 Awards	3-Year Award Average
14.3601	Manufacturing Engineering	9	6	5	7
16.0102	Linguistics	23	29	22	25
16.0105	Applied Linguistics	6	4	-	3
16.0300	East Asian Languages, Literatures, and Linguistics, General	2	1	1	1
16.0302	Japanese Language and Literature	19	20	25	21
16.0303	Korean Language and Literature	2	11	4	6
16.0501	German Language and Literature	2	2	2	2
16.0901	French Language and Literature	15	14	8	12
16.0905	Spanish Language and Literature	61	63	56	60
16.1200	Classics and Classical Languages, Literatures, and Linguistics, General	4	5	6	5
22.0000	Legal Studies	13	16	9	13
22.0101	Law	418	472	372	421
22.0201	Advanced Legal Research/Studies, General	20	10	2	11
22.0203	American/U.S. Law/Legal Studies/Jurisprudence	47	22	39	36
22.0210	International Business, Trade, and Tax Law	28	36	48	37
22.0211	Tax Law/Taxation	-	5	2	2
22.0302	Legal Assistant/Paralegal	24	23	35	27
22.0303	Court Reporting and Captioning/Court Reporter	21	5	10	12
22.0305	Scopist	-	3	10	4
23.1302	Creative Writing	50	69	62	60
26.0101	Biology/Biological Sciences, General	1,080	1,022	1,007	1,036
26.0202	Biochemistry	86	95	95	92
26.0401	Cell/Cellular Biology and Histology	4	9	3	5
26.0403	Anatomy	4	-	7	4
26.0406	Cell/Cellular and Molecular Biology	11	14	6	10
26.0503	Medical Microbiology and Bacteriology	3	3	2	3
26.0508	Microbiology and Immunology	18	22	24	21

CIP	Program	2019-2020 Awards	2020-2021 Awards	2021-2022 Awards	3-Year Award Average
26.0910	Pathology/Experimental Pathology	1	1	-	1
26.1001	Pharmacology	8	10	11	10
26.1199	Biomathematics, Bioinformatics, and Computational Biology, Other	8	6	4	6
26.1201	Biotechnology	29	31	14	25
26.1310	Ecology and Evolutionary Biology	14	12	19	15
26.1399	Ecology, Evolution, Systematics and Population Biology, Other	13	10	8	10
26.1501	Neuroscience	8	8	13	10
26.1503	Neurobiology and Anatomy	51	62	60	58
26.1504	Neurobiology and Behavior	15	18	23	19
27.0101	Mathematics, General	468	448	433	450
27.0305	Financial Mathematics	72	65	113	83
27.0399	Applied Mathematics, Other	5	6	8	6
27.0501	Statistics, General	60	51	45	52
27.0599	Statistics, Other	21	30	31	27
30.0501	Peace Studies and Conflict Resolution	19	20	18	19
30.0801	Mathematics and Computer Science	26	41	41	36
30.1101	Gerontology	8	16	5	10
30.1701	Behavioral Sciences	16	22	17	18
30.1901	Nutrition Sciences	-	-	1	0
30.2001	International/Globalization Studies	183	164	143	163
30.2501	Cognitive Science, General	17	24	20	20
30.2601	Cultural Studies/Critical Theory and Analysis	3	5	4	4
30.2701	Human Biology	62	92	106	87
30.2801	Dispute Resolution	14	7	14	12
30.3001	Computational Science	19	20	31	23
30.7101	Data Analytics, General	3	7	8	6
31.0501	Sports, Kinesiology, and Physical Education/Fitness, General	652	605	563	607
31.0504	Sport and Fitness Administration/Management	452	405	333	397
31.0507	Physical Fitness Technician	-	-	4	1

CIP	Program	2019-2020 Awards	2020-2021 Awards	2021-2022 Awards	3-Year Award Average
39.0201	Bible/Biblical Studies	20	6	9	12
39.0301	Missions/Missionary Studies	3	4	3	3
39.0401	Religious Education	6	1	1	3
39.0601	Theology/Theological Studies	25	27	32	28
39.0602	Divinity/Ministry	20	12	11	14
39.0699	Theological and Ministerial Studies, Other	73	73	39	62
39.0701	Pastoral Studies/Counseling	19	9	8	12
39.0702	Youth Ministry	-	1	2	1
40.0101	Physical Sciences, General	-	-	1	0
40.0501	Chemistry, General	268	211	208	229
40.0509	Environmental Chemistry	-	-	1	0
40.0599	Chemistry, Other	2	5	4	4
40.0601	Geology/Earth Science, General	100	80	85	88
40.0699	Geological and Earth Sciences/Geosciences, Other	17	12	17	15
40.0801	Physics, General	95	123	103	107
40.0899	Physics, Other	24	33	40	32
42.0101	Psychology, General	1,489	1,624	1,767	1,627
44.0401	Public Administration	123	109	119	117
44.0501	Public Policy Analysis, General	22	15	25	21
45.0101	Social Sciences, General	63	44	33	47
45.0201	Anthropology, General	131	134	120	128
45.0204	Cultural Anthropology	-	1	1	1
45.0401	Criminology	446	447	371	421
45.0501	Demography and Population Studies	11	17	6	11
45.0601	Economics, General	407	462	387	419
45.0603	Econometrics and Quantitative Economics	127	105	148	127
45.0699	Economics, Other	1	1	1	1
45.0701	Geography	42	36	41	40
45.0702	Geographic Information Science and Cartography	2	2	1	2
45.1001	Political Science and Government, General	477	501	392	457
45.1101	Sociology, General	685	720	671	692

CIP	Program	2019-2020 Awards	2020-2021 Awards	2021-2022 Awards	3-Year Award Average
45.1201	Urban Studies/Affairs	46	53	68	56
45.9999	Social Sciences, Other	8	10	5	8
46.0302	Electrician	225	293	277	265
50.0404	Industrial and Product Design	1	-	90	30
50.0410	Illustration	16	24	35	25
50.0504	Playwriting and Screenwriting	62	72	84	73
50.0701	Art/Art Studies, General	196	191	217	201
50.0702	Fine/Studio Arts, General	323	354	321	333
50.0703	Art History, Criticism and Conservation	21	24	17	21
51.1401	Medical Science/Scientist	7	9	4	7
52.0501	Business/Corporate Communications, General	117	112	96	108
52.0601	Business/Managerial Economics	743	769	693	735
52.1001	Human Resources Management/Personnel Administration, General	102	98	78	93
52.1302	Business Statistics	-	-	52	17
54.0101	History, General	255	281	263	266
Total/Average		13,082	13,261	12,729	13,024

Exhibit 28 includes the number of Other Sector awards conferred by non-community college institutions.

Exhibit 28: Other Sector Non-Community College Awards by Institution, 2019-2022

Institution	2019-2020 Awards	2020-2021 Awards	2021-2022 Awards	3-Year Award Average
Bethesda University	28	13	15	19
California State University-Fullerton	4,365	4,284	4,358	4,336
Chapman University	984	991	968	981
Concordia University-Irvine	669	583	488	580
Grace Mission University	13	20	13	15
Hope International University	115	95	69	93
InterCoast Colleges-Santa Ana	35	12	9	19
Laguna College of Art and Design	47	59	48	51

Platt College-Anaheim	8	9	4	7
South Coast College	31	10	31	24
Southern California Institute of Technology	246	326	286	286
The Chicago School of Professional Psychology at Anaheim	-	-	-	-
Touro University Worldwide	99	97	95	97
Trinity Law School	38	33	40	37
University of California-Irvine	5,725	6,049	5,651	5,808
University of Massachusetts Global	404	421	380	402
Vanguard University of Southern California	190	175	178	181
Westcliff University	85	84	96	88
Total/Average	13,082	13,261	12,729	13,024

APPENDIX F: OTHER SECTOR CIP CODES

This appendix provides the list of CIP codes that crosswalk to the occupations in the Other Sector but did not have any supply (Exhibit 29).

Exhibit 29: List of CIP with No Supply in Orange County

CIP	Program	CIP	Program
01.0103	Agricultural Economics	14.0202	Astronautical Engineering
01.1203	Soil Microbiology	14.0299	Aerospace, Aeronautical, and Astronautical/Space Engineering, Other
03.0204	Environmental/Natural Resource Economics	14.0401	Architectural Engineering
03.0208	Environmental/Natural Resources Law Enforcement and Protective Services	14.0702	Chemical and Biomolecular Engineering
03.0209	Energy and Environmental Policy	14.0802	Geotechnical and Geoenvironmental Engineering
04.0403	Sustainable Design/Architecture	14.0805	Water Resources Engineering
04.0801	Architectural History and Criticism, General	14.1003	Laser and Optical Engineering
04.0802	Architectural Conservation	14.1004	Telecommunications Engineering
04.1001	Real Estate Development	14.1101	Engineering Mechanics
05.0211	Deaf Studies	14.1201	Engineering Physics/Applied Physics
09.0401	Journalism	14.1301	Engineering Science
09.0908	Technical and Scientific Communication	14.2201	Naval Architecture and Marine Engineering
09.1001	Publishing	14.2401	Ocean Engineering
09.9999	Communication, Journalism, and Related Programs, Other	14.2701	Systems Engineering
10.0204	Voice Writing Technology/Technician	14.3301	Construction Engineering
12.0303	Mortuary Science and Embalming/Embalmer	14.3401	Forest Engineering
12.0399	Funeral Service and Mortuary Science, Other	14.3701	Operations Research
13.0603	Educational Statistics and Research Methods	14.3801	Surveying Engineering
13.0604	Educational Assessment, Testing, and Measurement	14.3901	Geological/Geophysical Engineering
13.0607	Learning Sciences	14.4001	Paper Science and Engineering
13.0608	Institutional Research	14.4101	Electromechanical Engineering
13.0699	Educational Assessment, Evaluation, and Research, Other	14.4201	Mechatronics, Robotics, and Automation Engineering
13.1003	Education/Teaching of Individuals with Hearing Impairments Including Deafness	14.4301	Biochemical Engineering
13.1314	Physical Education Teaching and Coaching	14.4401	Engineering Chemistry
14.0103	Applied Engineering	14.4501	Biological/Biosystems Engineering
		14.4701	Electrical and Computer Engineering
		14.4801	Energy Systems Engineering, General
		14.4802	Power Plant Engineering

CIP	Program
14.4899	Energy Systems Engineering, Other
14.9999	Engineering, Other
15.0201	Civil Engineering Technologies/Technicians
15.1502	Engineering Design
15.1601	Nanotechnology
16.0101	Foreign Languages and Literatures, General
16.0103	Language Interpretation and Translation
16.0199	Linguistic, Comparative, and Related Language Studies and Services, Other
16.0201	African Languages, Literatures, and Linguistics
16.0301	Chinese Language and Literature
16.0304	Tibetan Language and Literature
16.0399	East Asian Languages, Literatures, and Linguistics, Other
16.0400	Slavic Languages, Literatures, and Linguistics, General
16.0401	Baltic Languages, Literatures, and Linguistics
16.0402	Russian Language and Literature
16.0404	Albanian Language and Literature
16.0405	Bulgarian Language and Literature
16.0406	Czech Language and Literature
16.0407	Polish Language and Literature
16.0408	Bosnian, Serbian, and Croatian Languages and Literatures
16.0409	Slovak Language and Literature
16.0410	Ukrainian Language and Literature
16.0499	Slavic, Baltic, and Albanian Languages, Literatures, and Linguistics, Other
16.0500	Germanic Languages, Literatures, and Linguistics, General
16.0502	Scandinavian Languages, Literatures, and Linguistics
16.0503	Danish Language and Literature
16.0504	Dutch/Flemish Language and Literature
16.0505	Norwegian Language and Literature
16.0506	Swedish Language and Literature

CIP	Program
16.0599	Germanic Languages, Literatures, and Linguistics, Other
16.0601	Modern Greek Language and Literature
16.0700	South Asian Languages, Literatures, and Linguistics, General
16.0701	Hindi Language and Literature
16.0702	Sanskrit and Classical Indian Languages, Literatures, and Linguistics
16.0704	Bengali Language and Literature
16.0705	Punjabi Language and Literature
16.0706	Tamil Language and Literature
16.0707	Urdu Language and Literature
16.0799	South Asian Languages, Literatures, and Linguistics, Other
16.0801	Iranian Languages, Literatures, and Linguistics
16.0900	Romance Languages, Literatures, and Linguistics, General
16.0902	Italian Language and Literature
16.0904	Portuguese Language and Literature
16.0906	Romanian Language and Literature
16.0907	Catalan Language and Literature
16.0908	Hispanic and Latin American Languages, Literatures, and Linguistics, General
16.0999	Romance Languages, Literatures, and Linguistics, Other
16.1001	American Indian/Native American Languages, Literatures, and Linguistics
16.1100	Middle/Near Eastern and Semitic Languages, Literatures, and Linguistics, General
16.1101	Arabic Language and Literature
16.1102	Hebrew Language and Literature
16.1103	Ancient Near Eastern and Biblical Languages, Literatures, and Linguistics
16.1199	Middle/Near Eastern and Semitic Languages, Literatures, and Linguistics, Other
16.1202	Ancient/Classical Greek Language and Literature
16.1203	Latin Language and Literature

CIP	Program
16.1299	Classics and Classical Languages, Literatures, and Linguistics, Other
16.1301	Celtic Languages, Literatures, and Linguistics
16.1400	Southeast Asian Languages, Literatures, and Linguistics, General
16.1401	Australian/Oceanic/Pacific Languages, Literatures, and Linguistics
16.1402	Indonesian/Malay Languages and Literatures
16.1403	Burmese Language and Literature
16.1404	Filipino/Tagalog Language and Literature
16.1405	Khmer/Cambodian Language and Literature
16.1406	Lao Language and Literature
16.1407	Thai Language and Literature
16.1408	Vietnamese Language and Literature
16.1409	Hawaiian Language and Literature
16.1499	Southeast Asian and Australasian/Pacific Languages, Literatures, and Linguistics, Other
16.1501	Turkish Language and Literature
16.1502	Uralic Languages, Literatures, and Linguistics
16.1503	Hungarian/Magyar Language and Literature
16.1504	Mongolian Language and Literature
16.1599	Turkic, Uralic-Altai, Caucasian, and Central Asian Languages, Literatures, and Linguistics, Other
16.1601	American Sign Language (ASL)
16.1602	Linguistics of ASL and Other Sign Languages
16.1603	Sign Language Interpretation and Translation
16.1699	American Sign Language, Other
16.1801	Armenian Language and Literature
16.9999	Foreign Languages, Literatures, and Linguistics, Other
19.0202	Family and Consumer Sciences/Human Sciences Communication
19.0702	Adult Development and Aging
22.0202	Programs for Foreign Lawyers

CIP	Program
22.0204	Canadian Law/Legal Studies/Jurisprudence
22.0205	Banking, Corporate, Finance, and Securities Law
22.0206	Comparative Law
22.0207	Energy, Environment, and Natural Resources Law
22.0208	Health Law
22.0209	International Law and Legal Studies
22.0212	Intellectual Property Law
22.0213	Patent Law
22.0214	Agriculture Law
22.0215	Arts and Entertainment Law
22.0216	Compliance Law
22.0217	Criminal Law and Procedure
22.0218	Entrepreneurship Law
22.0219	Family/Child/Elder Law
22.0220	Human Resources Law
22.0221	Insurance Law
22.0222	Real Estate and Land Development Law
22.0223	Transportation Law
22.0224	Tribal/Indigenous Law
22.0299	Legal Research and Advanced Professional Studies, Other
22.0301	Legal Administrative Assistant/Secretary
22.0304	Court Interpreter
23.1301	Writing, General
23.1303	Professional, Technical, Business, and Scientific Writing
23.1304	Rhetoric and Composition
23.1399	Rhetoric and Composition/Writing Studies, Other
23.1401	General Literature
23.1405	Children's and Adolescent Literature
23.1499	Literature, Other
25.0103	Archives/Archival Administration
25.0301	Library and Archives Assisting
26.0203	Biophysics
26.0204	Molecular Biology

CIP	Program
26.0205	Molecular Biochemistry
26.0206	Molecular Biophysics
26.0207	Structural Biology
26.0208	Photobiology
26.0209	Radiation Biology/Radiobiology
26.0210	Biochemistry and Molecular Biology
26.0299	Biochemistry, Biophysics and Molecular Biology, Other
26.0301	Botany/Plant Biology
26.0305	Plant Pathology/Phytopathology
26.0307	Plant Physiology
26.0399	Botany/Plant Biology, Other
26.0499	Cell/Cellular Biology and Anatomical Sciences, Other
26.0502	Microbiology, General
26.0504	Virology
26.0505	Parasitology
26.0507	Immunology
26.0599	Microbiological Sciences and Immunology, Other
26.0701	Zoology/Animal Biology
26.0702	Entomology
26.0707	Animal Physiology
26.0799	Zoology/Animal Biology, Other
26.0802	Molecular Genetics
26.0804	Animal Genetics
26.0805	Plant Genetics
26.0807	Genome Sciences/Genomics
26.0899	Genetics, Other
26.0912	Aerospace Physiology and Medicine
26.0913	Biomechanics
26.1004	Toxicology
26.1101	Biometry/Biometrics
26.1102	Biostatistics
26.1104	Computational Biology
26.1301	Ecology
26.1302	Marine Biology and Biological Oceanography

CIP	Program
26.1303	Evolutionary Biology
26.1311	Epidemiology and Biostatistics
26.1401	Molecular Medicine
26.1502	Neuroanatomy
26.1599	Neurobiology and Neurosciences, Other
26.9999	Biological and Biomedical Sciences, Other
27.0102	Algebra and Number Theory
27.0103	Analysis and Functional Analysis
27.0104	Geometry/Geometric Analysis
27.0105	Topology and Foundations
27.0199	Mathematics, Other
27.0301	Applied Mathematics, General
27.0303	Computational Mathematics
27.0304	Computational and Applied Mathematics
27.0306	Mathematical Biology
27.0502	Mathematical Statistics and Probability
27.0503	Mathematics and Statistics
27.0601	Applied Statistics, General
27.9999	Mathematics and Statistics, Other
30.0101	Biological and Physical Sciences
30.1001	Biopsychology
30.1201	Historic Preservation and Conservation, General
30.1202	Cultural Resource Management and Policy Analysis
30.1299	Historic Preservation and Conservation, Other
30.1301	Medieval and Renaissance Studies
30.1401	Museology/Museum Studies
30.1501	Science, Technology and Society
30.1801	Natural Sciences
30.2101	Holocaust and Related Studies
30.2201	Ancient Studies/Civilization
30.2202	Classical, Ancient Mediterranean, and Near Eastern Studies and Archaeology
30.2299	Classical and Ancient Studies, Other

CIP	Program
30.2301	Intercultural/Multicultural and Diversity Studies
30.2502	Contemplative Studies/Inquiry
30.2599	Cognitive Science, Other
30.2901	Maritime Studies
30.3201	Marine Sciences
30.3301	Sustainability Studies
30.3401	Anthrozoology
30.3501	Climate Science
30.3701	Design for Human Health
30.3801	Earth Systems Science
30.3901	Economics and Computer Science
30.4001	Economics and Foreign Language/Literature
30.4101	Environmental Geosciences
30.4201	Geoaerchaeology
30.4301	Geobiology
30.4401	Geography and Environmental Studies
30.4501	History and Language/Literature
30.4601	History and Political Science
30.4701	Linguistics and Anthropology
30.4901	Mathematical Economics
30.5001	Mathematics and Atmospheric/Oceanic Science
30.5101	Philosophy, Politics, and Economics
30.5201	Digital Humanities and Textual Studies, General
30.5202	Digital Humanities
30.5203	Textual Studies
30.5301	Thanatology
30.7001	Data Science, General
30.7099	Data Science, Other
30.7102	Business Analytics
30.7199	Data Analytics, Other
38.0102	Logic
39.0302	Church Planting
39.0399	Missions/Missionary Studies and Missiology, Other
39.0502	Worship Ministry

CIP	Program
39.0599	Religious Music and Worship, Other
39.0604	Pre-Theology/Pre-Ministerial Studies
39.0605	Rabbinical Studies
39.0703	Urban Ministry
39.0704	Women's Ministry
39.0705	Lay Ministry
39.0706	Chaplain/Chaplaincy Studies
39.0799	Pastoral Counseling and Specialized Ministries, Other
39.0802	Religious/Canon Law
40.0201	Astronomy
40.0202	Astrophysics
40.0203	Planetary Astronomy and Science
40.0299	Astronomy and Astrophysics, Other
40.0401	Atmospheric Sciences and Meteorology, General
40.0402	Atmospheric Chemistry and Climatology
40.0403	Atmospheric Physics and Dynamics
40.0404	Meteorology
40.0499	Atmospheric Sciences and Meteorology, Other
40.0502	Analytical Chemistry
40.0503	Inorganic Chemistry
40.0504	Organic Chemistry
40.0506	Physical Chemistry
40.0507	Polymer Chemistry
40.0508	Chemical Physics
40.0510	Forensic Chemistry
40.0511	Theoretical Chemistry
40.0512	Cheminformatics/Chemistry Informatics
40.0602	Geochemistry
40.0603	Geophysics and Seismology
40.0604	Paleontology
40.0605	Hydrology and Water Resources Science
40.0606	Geochemistry and Petrology
40.0607	Oceanography, Chemical and Physical

CIP	Program
40.0802	Atomic/Molecular Physics
40.0804	Elementary Particle Physics
40.0805	Plasma and High-Temperature Physics
40.0806	Nuclear Physics
40.0807	Optics/Optical Sciences
40.0808	Condensed Matter and Materials Physics
40.0809	Acoustics
40.0810	Theoretical and Mathematical Physics
40.1002	Materials Chemistry
40.1099	Materials Sciences, Other
40.1101	Physics and Astronomy
40.9999	Physical Sciences, Other
42.2706	Behavioral Neuroscience
42.2708	Psychometrics and Quantitative Psychology
42.2815	Performance and Sport Psychology
43.0121	Suspension and Debarment Investigation
43.0407	Geospatial Intelligence
44.0201	Community Organization and Advocacy
44.0403	Transportation and Infrastructure Planning/Studies
44.0502	Education Policy Analysis
44.0503	Health Policy Analysis
44.0504	International Policy Analysis
45.0102	Research Methodology and Quantitative Methods
45.0103	Survey Research/Methodology
45.0199	Social Sciences, Other
45.0202	Physical and Biological Anthropology
45.0203	Medical Anthropology
45.0205	Forensic Anthropology
45.0299	Anthropology, Other
45.0301	Archeology
45.0502	Applied Demography
45.0599	Demography, Other

CIP	Program
45.0602	Applied Economics
45.0604	Development Economics and International Development
45.0605	International Economics
45.0799	Geography, Other
45.0901	International Relations and Affairs
45.0902	National Security Policy Studies
45.0999	International Relations and National Security Studies, Other
45.1002	American Government and Politics (United States)
45.1003	Canadian Government and Politics
45.1004	Political Economy
45.1099	Political Science and Government, Other
45.1102	Applied/Public Sociology
45.1103	Rural Sociology
45.1199	Sociology, Other
45.1301	Sociology and Anthropology
45.1501	Geography and Anthropology
47.0102	Business Machine Repair
47.0104	Computer Installation and Repair Technology/Technician
47.0403	Locksmithing and Safe Repair
47.0404	Musical Instrument Fabrication and Repair
47.0408	Watchmaking and Jewelmaking
47.0610	Bicycle Mechanics and Repair Technology/Technician
48.0304	Shoe, Boot and Leather Repair
49.0202	Construction/Heavy Equipment/Earthmoving Equipment Operation
50.0101	Visual and Performing Arts, General
50.0201	Crafts/Craft Design, Folk Art and Artisanry
50.0401	Design and Visual Communications, General
50.0511	Comedy Writing and Performance
50.0705	Drawing
50.0706	Intermedia/Multimedia
50.0708	Painting

CIP	Program
50.0709	Sculpture
50.0710	Printmaking
50.0711	Ceramic Arts and Ceramics
50.0712	Fiber, Textile and Weaving Arts
50.0713	Jewelry Arts
50.0714	Metal Arts
50.0799	Fine Arts and Art Studies, Other
50.1101	Community/Environmental/Socially-Engaged Art
51.0717	Medical Staff Services Technology/Technician
51.0720	Regulatory Science/Affairs
51.1506	Clinical Pastoral Counseling/Patient Counseling
51.2003	Pharmaceutics and Drug Design
51.2004	Medicinal and Pharmaceutical Chemistry
51.2006	Clinical and Industrial Drug Development
51.2007	Pharmacoeconomics/Pharmaceutical Economics
51.2205	Health/Medical Physics
51.2213	Patient Safety and Healthcare Quality
51.2312	Assistive/Augmentative Technology and Rehabilitation Engineering
51.2314	Rehabilitation Science

CIP	Program
51.2703	Medical Illustration/Medical Illustrator
51.3201	Bioethics/Medical Ethics
51.3204	Medical/Health Humanities
51.3205	History of Medicine
51.3602	Yoga Teacher Training/Yoga Therapy
52.0210	Research and Development Management
52.0214	Research Administration
52.0216	Science/Technology Management
52.0502	Grantsmanship
52.0599	Business/Corporate Communications, Other
52.1002	Labor and Industrial Relations
52.1402	Marketing Research
52.1903	Fashion Modeling
54.0102	American History (United States)
54.0103	European History
54.0104	History and Philosophy of Science and Technology
54.0105	Public/Applied History
54.0106	Asian History
54.0107	Canadian History
54.0108	Military History
54.0199	History, Other



Important Disclaimers

All representations included in this report have been produced from primary research and/or secondary review of publicly and/or privately available data and/or research reports. This study examines the most recent data available at the time of the analysis; however, data sets are updated regularly and may not be consistent with previous reports. Efforts have been made to qualify and validate the accuracy of the data and the report findings; however, neither the Centers of Excellence for Labor Market Research (COE), COE host district, nor California Community Colleges Chancellor's Office are responsible for the applications or decisions made by individuals and/or organizations based on this study or its recommendations.

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