Program Overview

7 Programs

Lightcast Q3 2023 Data Set

August 2023

San Mateo County Community College District

Parameters

Completions Year: 2020

Jobs Timeframe: 2022 - 2029

Job Postings Timeframe: Jun 2021 - Jul 2023

Programs:

Code	Description
04.0200	Pre-Architecture Studies
04.0201	Architecture
04.0202	Architectural Design
04.0401	Environmental Design/Architecture

Code	Description
04.0601	Landscape Architecture
04.0901	Architectural Technology/Technician
15.0101	Architectural Engineering Technologies/Technicians

Regions:

Code	Description
6001	Alameda County, CA
6013	Contra Costa County, CA
6075	San Francisco County, CA

Code	Description
6081	San Mateo County, CA
6085	Santa Clara County, CA

Education Level:

Description
Associate degree

Tuition Type: Tuition & Fees

Graduate Status: Undergraduate

Residency: In-State

6	42	Completions Distribution
Institutions	**Completions**	
0% Growth (2016-2020)	35% Growth (2016-2020)	

Completions Distribution

Average: 7

1 ——————————————————— 18

Median: 5.5

Program Overview

42
Completions

		Completions (2020)	% Completions	Institutions (2020)	% Institutions
●	All Programs	42	100%	6	100%
●	Distance Offered Programs	0	0%	0	0%
●	Non-Distance Offered Programs	42	100%	6	100%

Market Share by Institution Type
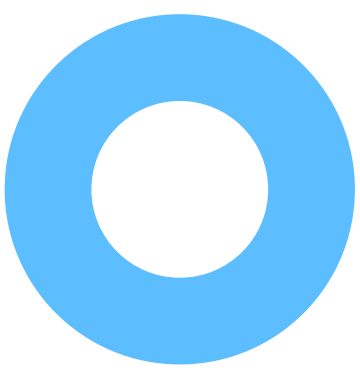
	Institution Type	Completions (2020)	Market Share
●	Public, 2-year	42	100.0%

Market Share by Program
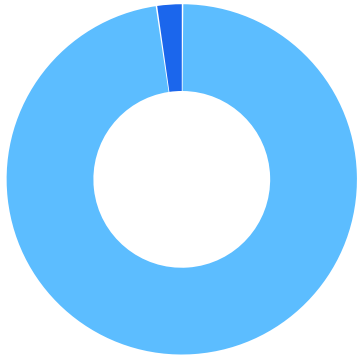
Program	Completions (2020)	Market Share
🔵 Architectural Technology/Technician (04.0901)	41	97.6%
🔵 Landscape Architecture (04.0601)	1	2.4%

Completions by Institution

Institution	Associate's Degree Completions (2020)	Growth % YOY (2020)	Market Share (2020)	IPEDS Tuition & Fees (2020)	Completions Trend (2016-2020)
Diablo Valley College	18	-18.2%	42.9%	$1,312	
College of San Mateo	8	166.7%	19.0%	$1,434	
West Valley College	6	100.0%	14.3%	$1,486	
Laney College	5	400.0%	11.9%	$1,167	
City College of San Francisco	4	33.3%	9.5%	$1,165	
Chabot College	1	-80.0%	2.4%	$1,150	

Regional Trends
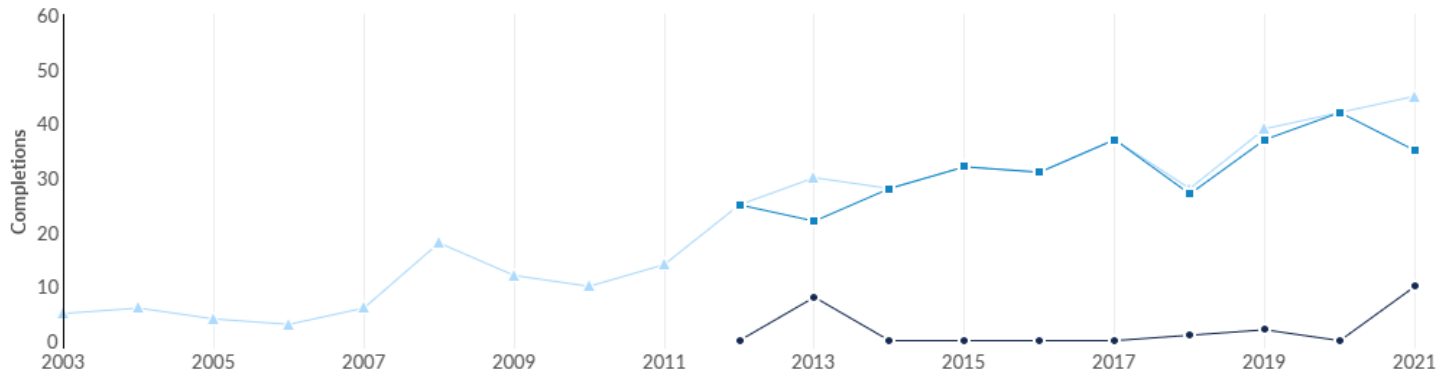
	2012 Completions	2020 Completions	% Change
● Distance Offered Programs	0	0	0.0%
■ Non-Distance Offered Programs	25	42	+68.0%
▲ All Programs	25	42	+68.0%

Regional Completions by Award Level

Award Level	Completions (2020)	Percent	
● Associate's Degree	42	100.0%	▬▬▬▬▬

Similar Programs

78	7,864
Programs (2020)	Completions (2020)

CIP Code	Program	Associate's Degree Completions (2020)
24.0101	Liberal Arts and Sciences/Liberal Studies	2,419
52.0201	Business Administration and Management, General	2,329
45.0101	Social Sciences, General	1,399
43.0103	Criminal Justice/Law Enforcement Administration	678
52.0101	Business/Commerce, General	236
52.9999	Business, Management, Marketing, and Related Support Services, Other	143
14.0102	Pre-Engineering	91
11.1003	Computer and Information Systems Security/Auditing/Information Assurance	66
23.9999	English Language and Literature/Letters, Other	65
11.0901	Computer Systems Networking and Telecommunications	55

Target Occupations

Filtered by the proportion of the national workforce in these occupations with an Associate's degree

10,082	+7.5%	$49.65/hr $103.3K/yr	1,103
Jobs (2022)*	% Change (2022-2029)*	Median Earnings	Annual Openings*
0% *below* National average*	Nation: +7.7%*	Nation: $31.78/hr; $66.1K/yr	

Occupation	2022 Jobs*	Annual Openings*	Median Earnings	Growth (2022 - 2029)*	Employment Concentration (2022)*
Project Management Specialists	2,018	206	$62.61/hr	+12.04%	1.60
Landscaping and Groundskeeping Workers	1,196	170	$21.09/hr	+5.60%	0.90
Construction Managers	1,017	96	$54.12/hr	+9.73%	0.97
First-Line Supervisors of Construction Trades and Extraction Workers	942	101	$47.71/hr	+6.26%	0.77
Postsecondary Teachers	879	92	$51.47/hr	+9.22%	1.27
Architectural and Civil Drafters	832	102	$35.91/hr	+3.73%	1.11
Cost Estimators	642	61	$46.20/hr	+2.34%	1.12
Architectural and Engineering Managers	601	51	$101.09/hr	+7.82%	2.85
Engineering Technologists and Technicians, Except Drafters, All Other	527	61	$35.28/hr	+9.30%	1.55
Construction and Building Inspectors	481	61	$50.72/hr	+2.70%	1.13
Civil Engineering Technologists and Technicians	275	30	$44.47/hr	+6.55%	0.92
First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping Workers	247	28	$28.32/hr	+4.86%	0.72
Farmers, Ranchers, and Other Agricultural Managers	176	20	$17.33/hr	+2.27%	0.12
Architects, Except Landscape and Naval	167	13	$49.19/hr	+5.99%	2.03
Landscape Architects	46	4	$46.18/hr	+4.35%	1.62
Calibration Technologists and Technicians	34	5	$37.89/hr	+17.65%	0.70
Urban and Regional Planners	0	0	$59.43/hr	0.00%	0.00

Job Postings Summary

5,598	3 : 1	1,194	33 days
Unique Postings	Posting Intensity	Employers Competing	Median Posting Duration
17,448 Total Postings	Regional Average: 4 : 1	86,762 Total Employers	Regional Average: 30 days

There were **17,448** total job postings for your selection from June 2021 to July 2023, of which **5,598** were unique. These numbers give us a Posting Intensity of **3-to-1**, meaning that for every 3 postings there is 1 unique job posting.

This is close to the Posting Intensity for all other occupations and companies in the region (4-to-1), indicating that they are putting average effort toward hiring for this position.

Top Companies Posting

Company	Total/Unique (Jun 2021 - Jul 2023)	Posting Intensity	Median Posting Duration
San Mateo County Community College District	445 / 301	1 : 1	31 days
Contra Costa Community College	498 / 212	2 : 1	45 days
West Valley-Mission Community College District	285 / 194	1 : 1	36 days
Gurnick Academy Of Medical Arts	429 / 106	4 : 1	43 days
San Jose-Evergreen Community College District	180 / 94	2 : 1	37 days
CBRE	418 / 87	5 : 1	35 days
Applied Materials	400 / 82	5 : 1	15 days
Foothill-De Anza Community College District	131 / 75	2 : 1	46 days
Tesla	155 / 73	2 : 1	17 days
Randstad	120 / 63	2 : 1	21 days

Top Posted Job Titles

Job Title	Total/Unique (Jun 2021 - Jul 2023)	Posting Intensity	Median Posting Duration
Engineering Technicians	1,905 / 588	3 : 1	26 days
Project Managers	956 / 230	4 : 1	26 days
Chief Engineers	445 / 161	3 : 1	32 days
Adjunct Instructors	363 / 114	3 : 1	43 days
Construction Inspectors	258 / 88	3 : 1	22 days
College Instructors	91 / 76	1 : 1	60 days
Community Construction Managers	75 / 72	1 : 1	n/a
After School Program Instructors	285 / 62	5 : 1	50 days
Engineering Estimators	248 / 54	5 : 1	33 days
Construction Superintendents	379 / 52	7 : 1	24 days

Top Specialized Skills

Legend: ● Frequency in Job Postings ● Frequency in Profiles
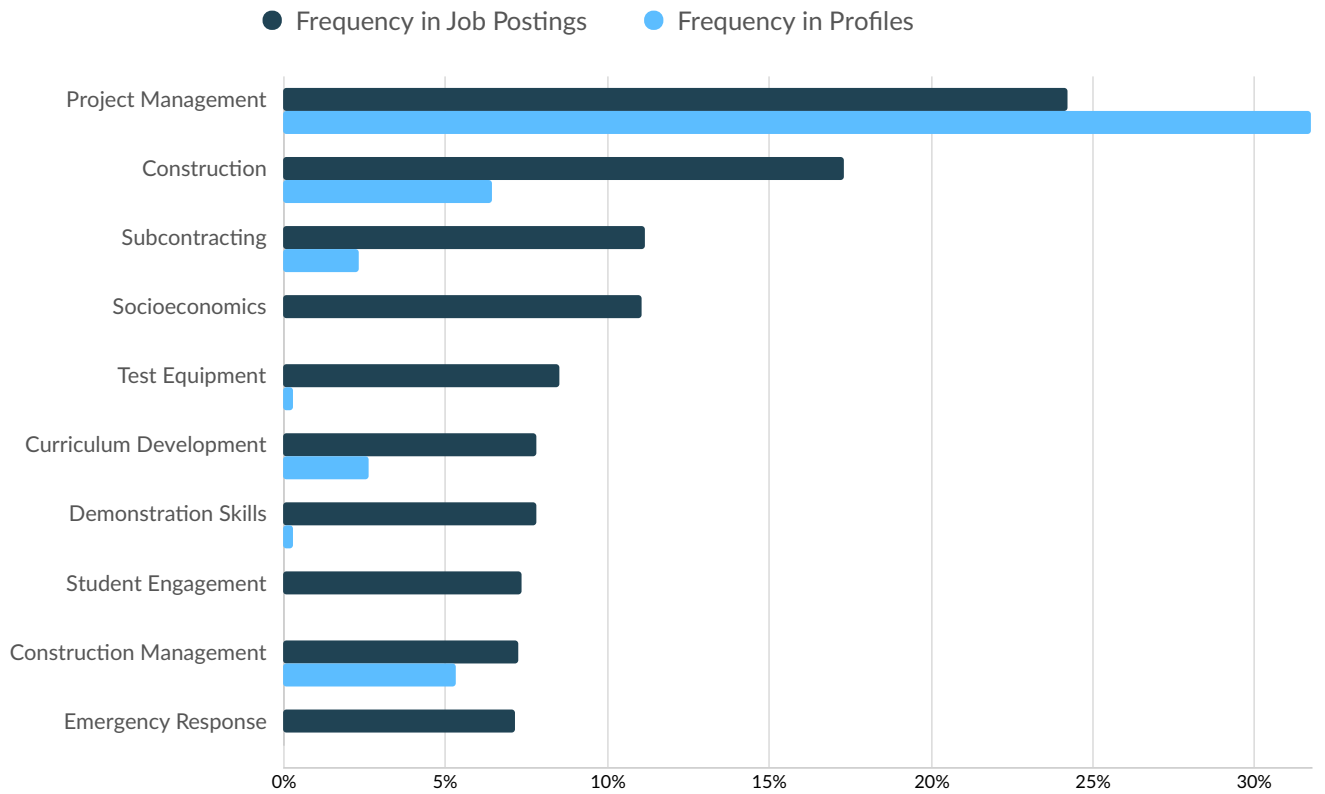
Skills	Postings	% of Total Postings	Profiles	% of Total Profiles
Project Management	1,358	24%	60,879	32%
Construction	971	17%	12,353	6%
Subcontracting	626	11%	4,500	2%
Socioeconomics	620	11%	0	0%
Test Equipment	479	9%	565	0%
Curriculum Development	439	8%	5,045	3%
Demonstration Skills	437	8%	572	0%
Student Engagement	412	7%	0	0%
Construction Management	408	7%	10,205	5%
Emergency Response	401	7%	0	0%

Top Common Skills

● Frequency in Job Postings   ● Frequency in Profiles
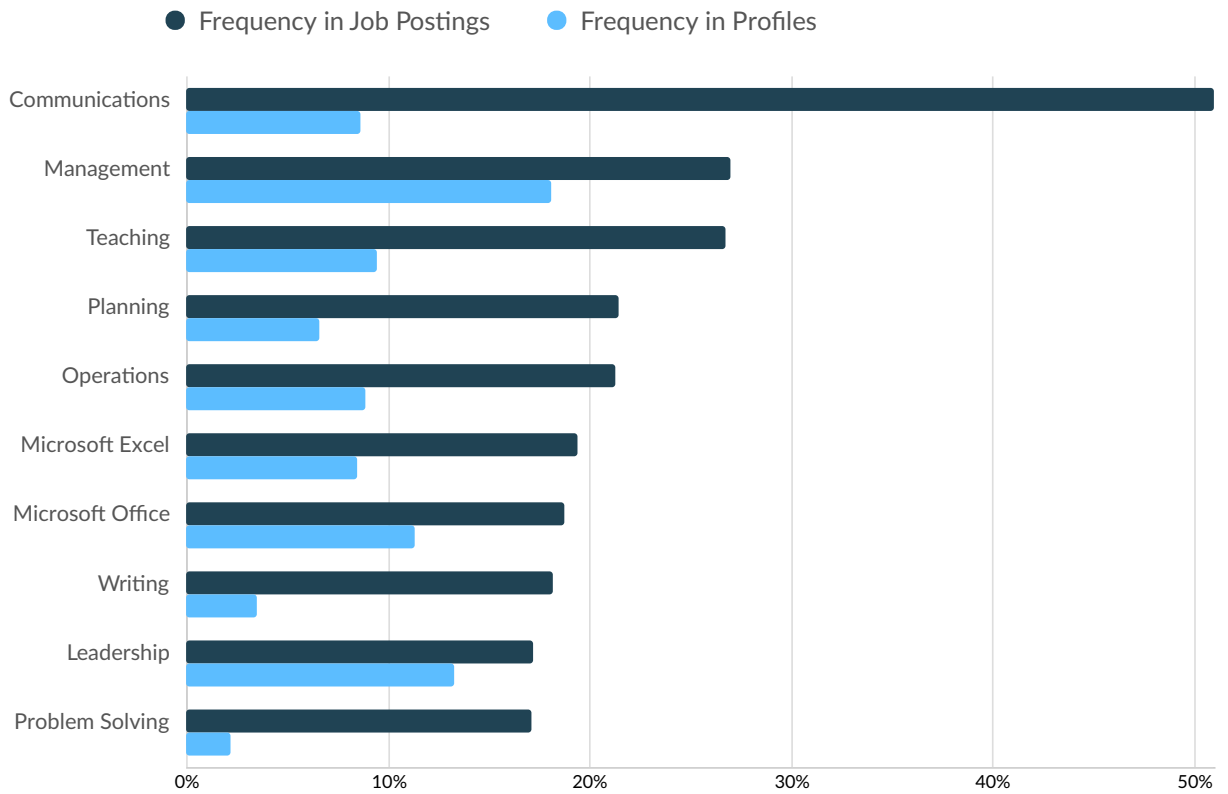
Skills	Postings	% of Total Postings	Profiles	% of Total Profiles
Communications	2,855	51%	16,534	9%
Management	1,513	27%	34,795	18%
Teaching	1,500	27%	18,163	9%
Planning	1,200	21%	12,607	7%
Operations	1,193	21%	17,057	9%
Microsoft Excel	1,088	19%	16,316	9%
Microsoft Office	1,049	19%	21,676	11%
Writing	1,020	18%	6,750	4%
Leadership	963	17%	25,557	13%
Problem Solving	957	17%	4,171	2%

Top Software Skills
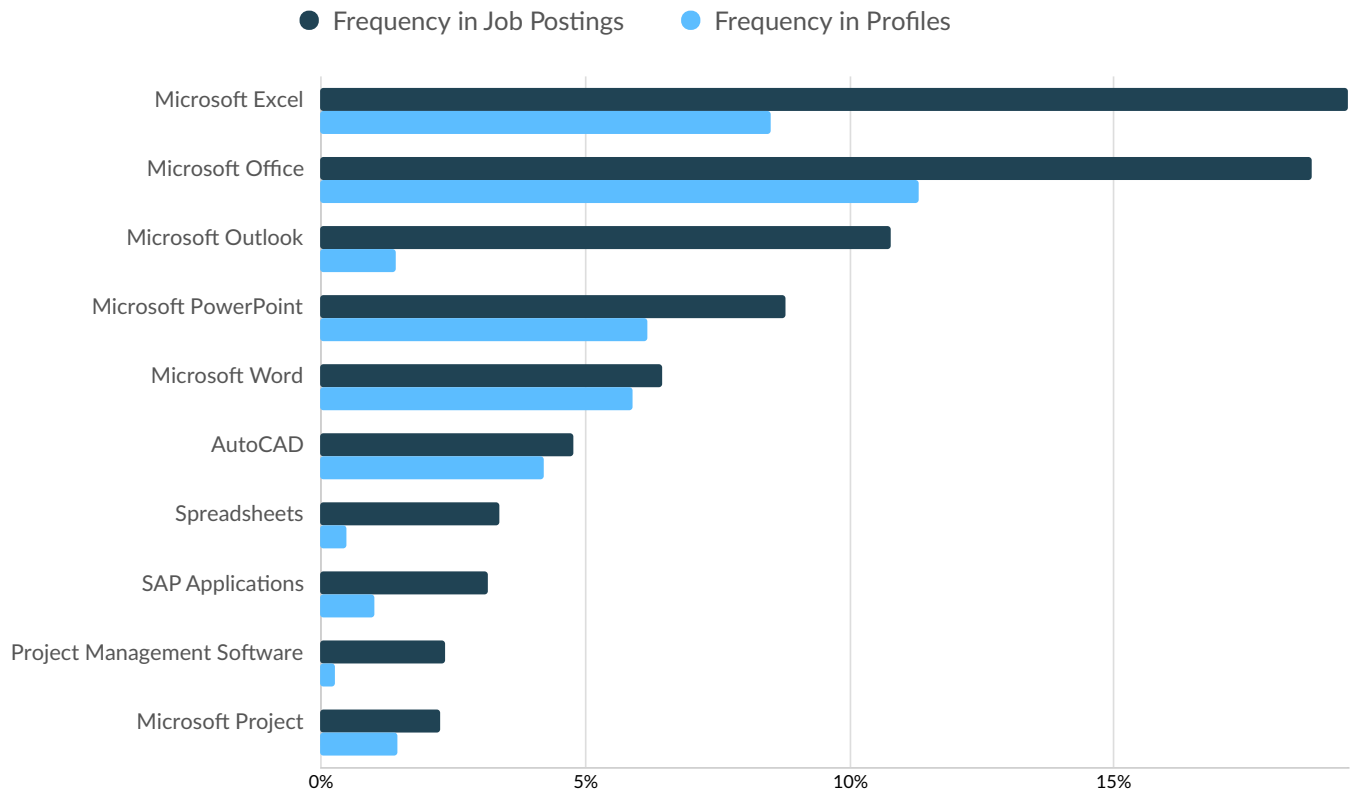
Skills	Postings	% of Total Postings	Profiles	% of Total Profiles
Microsoft Excel	1,088	19%	16,316	9%
Microsoft Office	1,049	19%	21,676	11%
Microsoft Outlook	604	11%	2,772	1%
Microsoft PowerPoint	492	9%	11,869	6%
Microsoft Word	362	6%	11,299	6%
AutoCAD	268	5%	8,090	4%
Spreadsheets	189	3%	925	0%
SAP Applications	177	3%	1,940	1%
Project Management Software	132	2%	511	0%
Microsoft Project	127	2%	2,801	1%

Top Qualifications

Qualification	Postings with Qualification
Valid Driver's License	824
Registered Nurse (RN)	259
Project Management Professional Certification	190
Cardiopulmonary Resuscitation (CPR) Certification	169
First Aid Certification	129
Basic Life Support (BLS) Certification	79
Security Clearance	77
CFC Refrigeration Certification	64
30-Hour OSHA General Industry Card	52
Certified Welding Inspector	47

Appendix A

Program Selection Details

CIP Code	Program Name
04.0200	Pre-Architecture Studies
04.0201	Architecture
04.0202	Architectural Design
04.0401	Environmental Design/Architecture
04.0601	Landscape Architecture
04.0901	Architectural Technology/Technician
15.0101	Architectural Engineering Technologies/Technicians

Appendix B - Data Sources and Calculations

Institution Data

The institution data in this report is taken directly from the national IPEDS database published by the U.S. Department of Education's National Center for Education Statistics.

Location Quotient

Location quotient (LQ) is a way of quantifying how concentrated a particular industry, cluster, occupation, or demographic group is in a region as compared to the nation. It can reveal what makes a particular region unique in comparison to the national average.

Occupation Data

Emsi occupation employment data are based on final Emsi industry data and final Emsi staffing patterns. Wage estimates are based on Occupational Employment Statistics (QCEW and Non-QCEW Employees classes of worker) and the American Community Survey (Self-Employed and Extended Proprietors). Occupational wage estimates are also affected by county-level Emsi earnings by industry.

Lightcast Job Postings

Job postings are collected from various sources and processed/enriched to provide information such as standardized company name, occupation, skills, and geography.

State Data Sources

This report uses state data from the following agencies: California Employment Development Department