FOOTHILL COLLEGE

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Theatre Technology Program Report
For Greater South Bay and Peninsula Region
(Santa Clara and San Mateo Counties)

Technical Theatre/Theatre Design and Technology

CIP 2010: A program that prepares individuals to apply artistic, technical and dramatic principles and techniques to the communication of dramatic information, ideas, moods, and feelings through technical theatre methods. Includes instruction in set design, lighting design, sound effects, theatre acoustics, scene painting, property management, costume design, and technical direction and production and use of computer applications to support these functions.

Target Occupations‡

Set and Exhibit Designers (27-1027)

‡Based on EMSI crosswalk of the Classification of Instructional Programs (CIP) codes with Standard Occupational Classification (SOC) codes as published by the U.S. Department of Education.

In 2012, the number of theatre technology (technical theatre/theatre design and technology) jobs in the target occupations in Santa Clara and San Mateo counties totaled 141. The Bureau of Labor Statistics (BLS) expects the total number of positions to increase by 3.4% over the next three years. Regional openings in 2012, which included created jobs and turnover, totaled 15. Completions in regional theatre technology programs totaled two from one institution.

Target Occupation Performance

141*	3.4%*	$32.07/hr
Jobs (2012)	**Growth (2013-2016)**	**Median Earnings**
National Location Quotient: 1.74†	National: 2.8%	National: $24.18/hr

*Based on total number of jobs for target occupations Santa Clara and San Mateo counties.
†Represents occupation density as compared to national average (national average=1).

Regional Openings (2012)**	15
Regional Program Completions (2012)	2
All Regional Completions for Target Occupations†† (2012)	2

**Openings include created jobs and turnover.
††Includes all regional programs applicable to target occupations.

Theatre Technology Occupation Performance

Target Occupations	Regional Openings (2012)	Average Hourly Earnings	Growth (2013-2016)
Set and Exhibit Designers (27-1027)	15	$31.44	3.4%

Regional Breakdown for Set and Exhibit Designers

County Name	2013 Jobs	2016 Jobs	2013 Annual Openings	Median Hourly Earnings	2013 National Location Quotient
Santa Clara	88	91	4	$30.01	1.44
San Mateo	63	66	3	$34.72	2.73
Total	152	157	7	$32.07	

Regional Theatre Technology Training Providers

1	**2***
Institutions	**Completions (2012)**

*Based on IPEDS data.
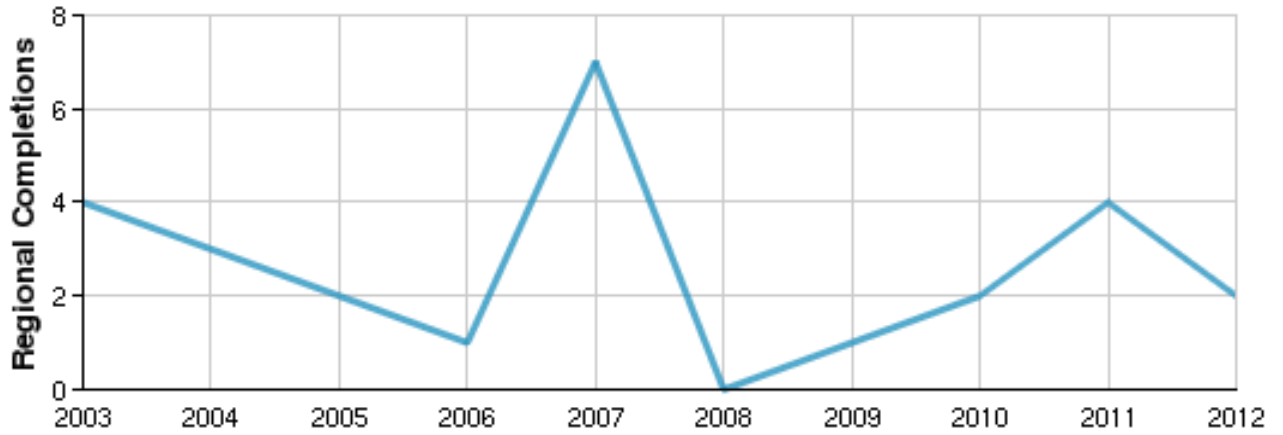
Institution	Degrees	Certificates	Total Completions
Foothill College	2	0	2

Target Occupation Demographics

The demographics among those employed in theatre technology occupations in Santa Clara and San Mateo counties for 2013 show about a 10% difference in representation among men and women (55.8% to 44.2%) and more than one half are between the ages of 25-44 (57.1%). The national breakdown of the education level among those employed in set and exhibit designers show that 51% have earned a Bachelor's degree or higher.

Gender Demographics (Regional)

Gender	Jobs (2013)	% of Total	
Male	85	55.8%	
Female	67	44.2%	

Age Demographics (Regional)

Age	Jobs (2013)	% of Total	
14-18 Years	0	0.0%	
19-21 Years	<10	3.1%	
22-24 Years	12	7.6%	
25-34 Years	50	33.1%	
35-44 Years	36	24.0%	
45-54 Years	30	19.9%	
55-64 Years	15	9.9%	
65+ Years	<10	2.3%	

Educational Attainment (National)

Doctoral or professional degree	1%	
Master's degree	7%	
Bachelor's degree	43%	
Associate's degree	14%	
Some college, no degree	20%	
High school diploma or equivalent	13%	
Less than high school diploma	3%	

Industries Employing Theatre Technology Occupations

A number of industries in Santa Clara and San Mateo counties employ those trained in theatre technology. The following table represents a regional industry breakdown of the number of theatre technology positions employed, the percentage of theatre technology jobs employed by industry and the percentage theatre technology jobs represent within all jobs by each industry. While the motion picture and video production industry employed 26.6% of all regional theatre technology positions in 2013, theatre technology represent 2.2% of the total jobs in that industry.

Inverse Staffing Patterns (Regional)

Industry	Occupation Jobs in Industry (2013)	% of Occupation in Industry (2013)	% of Total Jobs in Industry (2013)
Motion Picture and Video Production (512110)	40	26.6%	2.2%
Theater Companies and Dinner Theaters (711110)	16	10.6%	3.9%
Independent Artists, Writers, and Performers (711510)	<10	5.7%	1.6%
Promoters of Performing Arts, Sports, and Similar Events with Facilities (711310)	<10	5.2%	0.6%
Museums (712110)	<10	5.1%	1.3%

State Data Sources

This report uses state data from the following agencies: California Labor Market Information Department

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.

Completers Data

The completers 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.

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 also affected by county-level EMSI earnings by industry.

Staffing Patterns Data

The staffing pattern data in this report are compiled from several sources using a specialized process. For QCEW and Non-QCEW Employees classes of worker, sources include Occupational Employment Statistics, the National Industry-Occupation Employment Matrix, and the American Community Survey. For the Self-Employed and Extended Proprietors classes of worker, the primary source is the American Community Survey, with a small amount of information from Occupational Employment Statistics.

Industry Data

EMSI industry data have various sources depending on the class of worker. (1) For QCEW Employees, EMSI primarily uses the QCEW (Quarterly Census of Employment and Wages), with supplemental estimates from County Business Patterns and Current Employment Statistics. (2) Non-QCEW employees data are based on a number of sources including QCEW, Current Employment Statistics, County Business Patterns, BEA State and Local Personal Income reports, the National Industry-Occupation Employment Matrix (NIOEM), the American Community Survey, and Railroad Retirement Board statistics. (3) Self-Employed and Extended Proprietor classes of worker data are primarily based on the American Community Survey, Nonemployer Statistics, and BEA State and Local Personal Income Reports. Projections for QCEW and Non-QCEW Employees are informed by NIOEM and long-term industry projections published by individual states.