








# Fashion Designers

## Labor Market Analysis: San Diego County

June 2021

### Summary

NEW PROGRAM RECOMMENDATION?	EVIDENCE OF A SUPPLY GAP?	AT OR ABOVE THE LIVING WAGE?	MINIMUM EXPECTED EDUCATION FOR MAJORITY OF OCCUPATIONS ANALYZED
 <p><b>Do Not Proceed with New Program</b></p>	 	 	<input checked="" type="checkbox"/> Bachelor's Degree <input type="checkbox"/> Associate Degree <input type="checkbox"/> Some College or Certificate
SUPPORT FOR PROGRAM MODIFICATION?	NUMBER OF INSTITUTIONS THAT PROVIDE TRAINING	NUMBER OF ANNUAL JOB OPENINGS	<input type="checkbox"/> HS Diploma or Equivalent <input type="checkbox"/> Less than a HS Diploma <input type="checkbox"/> Apprenticeship
<p><b>The COE defers to the region</b></p>	<p>LOW</p> 	<p>LOW</p> 	

The San Diego-Imperial Center of Excellence for Labor Market Research (COE) developed this brief to assist the region's community colleges with strategic planning and program development. According to available labor market information, *Fashion Designers* in San Diego County have a labor market demand of 28 annual job openings (while average demand for a single occupation in San Diego County is 277 annual job openings), and two educational institutions in San Diego County supply 35 awards for this occupation, suggesting that supply is met in the labor market. Entry-level and median wages for this occupation are above at the living wage. This brief recommends that the colleges do not proceed with developing a new program for this occupation but defers to the region for a program modification because there is no supply gap. Colleges should note that **the percentage of students who complete a related program and earn a living wage is lower than students who complete Career Education programs in general.**

## Introduction

This report provides labor market information in San Diego County for the following occupational code in the Standard Occupational Classification (SOC)<sup>1</sup> system:

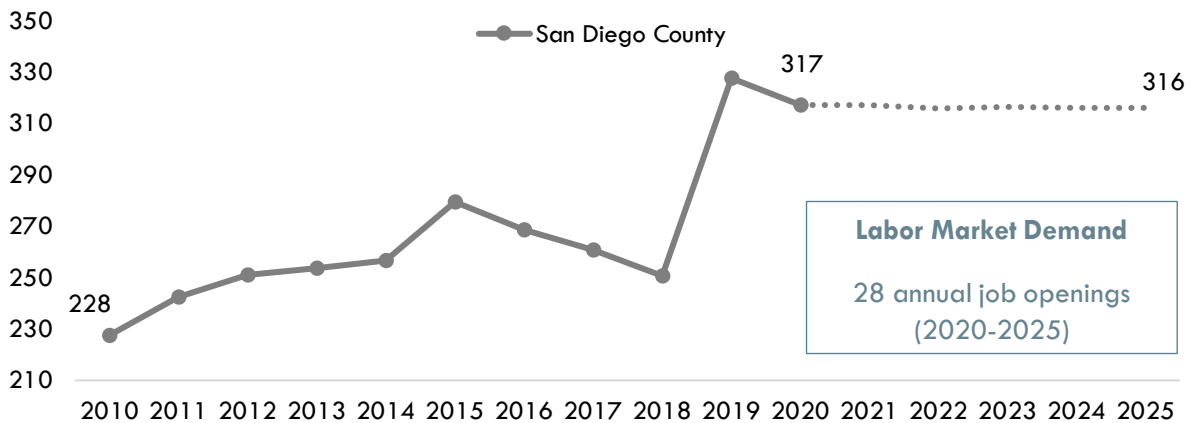
**Fashion Designers (SOC 27-1022):** Design clothing and accessories. Create original designs or adapt fashion trends. Sample reported job titles include:

- Costume Designer
- Sweater Designer
- Shoe Designer
- Design Director
- Dance Costume Designer
- Clothing Designer
- Product Developer
- Pattern Designer

## Projected Occupational Demand

Between 2020 and 2025, *Fashion Designers* are projected to decrease by **one net job** or **less than percent** (Exhibit 1). Employers in San Diego County will need to hire **28** workers annually to fill new jobs and backfill jobs due to attrition caused by turnover and retirement, for example.

**Exhibit 1: Number of Jobs for Fashion Designers (2010-2025)<sup>2</sup>**



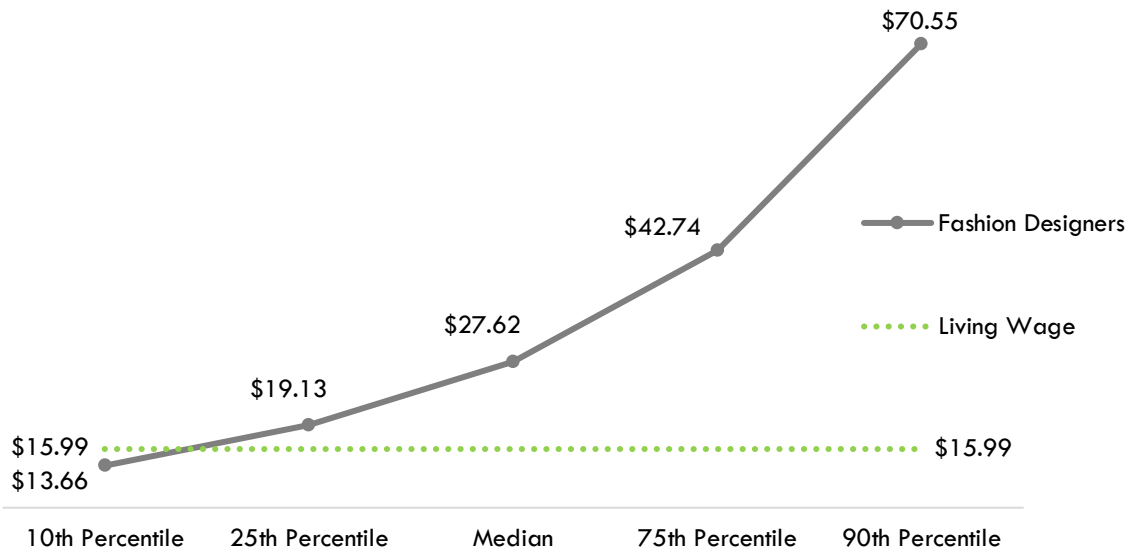
<sup>1</sup> The Standard Occupational Classification (SOC) system is used by federal statistical agencies to classify workers into occupational categories for the purpose of collecting, calculating or disseminating data. [bls.gov/soc](https://www.bls.gov/soc/).

<sup>2</sup> EMSI 2021.1; QCEW, Non-QCEW, Self-Employed.

## Earnings

*Fashion Designers* receive entry-level hourly earnings of **\$19.13**; this is higher than the living wage for a single adult in San Diego County, which is **\$15.99** per hour (Exhibit 2).<sup>3</sup>

**Exhibit 2: Average Hourly Earnings<sup>4</sup> for Fashion Designers  
in San Diego County<sup>5</sup>**



## Educational Supply

Educational supply for an occupation can be estimated by analyzing the number of awards in related Taxonomy of Programs (TOP) or Classification of Instructional Programs (CIP) codes.<sup>6</sup> There is **one** TOP code and **three** CIP codes related to *Fashion Design Occupations* (Exhibit 3).

**Exhibit 3: Related TOP and CIP Codes for Fashion Design Occupations**

TOP or CIP Code	TOP or CIP Program Title
TOP 1303.10	Fashion Design
CIP 19.0906	Fashion and Fabric Consultant
CIP 50.0407	Fashion/Apparel Design
CIP 50.0510	Costume Design

<sup>3</sup> "California Family Needs Calculator (formerly the Self-Sufficiency Standard)," Insight: Center for Community Economic Development, last updated 2018. [insightcced.org/2018-self-sufficiency-standard](https://insightcced.org/2018-self-sufficiency-standard).

<sup>4</sup> 10th and 25th percentiles could be considered entry-level wages, and 75th and 90th percentiles could be considered experienced wages for individuals who may have been in the occupation longer, received more training than others, etc.

<sup>5</sup> EMSI 2021.1; QCEW, Non-QCEW, Self-Employed.

<sup>6</sup> TOP data comes from the California Community Colleges Chancellor's Office MIS Data Mart ([datamart.cccco.edu](https://datamart.cccco.edu)) and CIP data comes from the Integrated Postsecondary Education Data System ([nces.ed.gov/ipeds/use-the-data](https://nces.ed.gov/ipeds/use-the-data)).

According to TOP data, **two** community colleges supply the region with awards for this occupation: **Palomar College** and **San Diego Mesa College**. According to CIP data, **no** non-community-college institution supplies the region with awards (Exhibit 4).

**Exhibit 4: Number of Awards (Certificates and Degrees) Conferred by Postsecondary Institutions  
(Program Year 2016-17 through PY2019-20 Average)**

TOP6 or CIP	TOP6 or CIP Title	3-Yr Annual Average CC Awards (PY17-18 to PY19-20)	Other Educational Institutions 3-Yr Annual Average Awards (PY16-17 to PY18-19)	3-Yr Total Average Supply (PY16-17 to PY19-20)
1303.10	Fashion Design	<b>35</b>	<b>0</b>	<b>35</b>
	<ul style="list-style-type: none"> <li>• Palomar</li> </ul>	15	0	
	<ul style="list-style-type: none"> <li>• San Diego Mesa</li> </ul>	20	0	
			<b>Total</b>	<b>35</b>

## Demand vs. Supply

Comparing labor demand (annual openings) with labor supply<sup>7</sup> suggests that **supply is met** for this occupation in San Diego County, with **28** annual openings and **35** awards. Comparatively, there are **8,532** annual openings in California and **721** awards, suggesting that there is a supply gap across the state<sup>8</sup> (Exhibit 5).

**Exhibit 5: Labor Demand (Annual Openings) Compared with Labor Supply (Average Annual Awards)**

	<b>Demand</b> (Annual Openings)	<b>Supply</b> (Total Annual Average Supply)	<b>Supply Gap or Oversupply</b>
San Diego	28	35	<b>-7</b>
California	8,532	721	<b>7,811</b>

**Please note:** This is a basic analysis of supply and demand of labor. The data does not include workers currently in the labor force who could fill these positions or workers who are not captured by publicly available data. This data should be used to discuss the potential gaps or oversupply of workers; however, it should not be the only basis for determining whether or not a program should be developed.

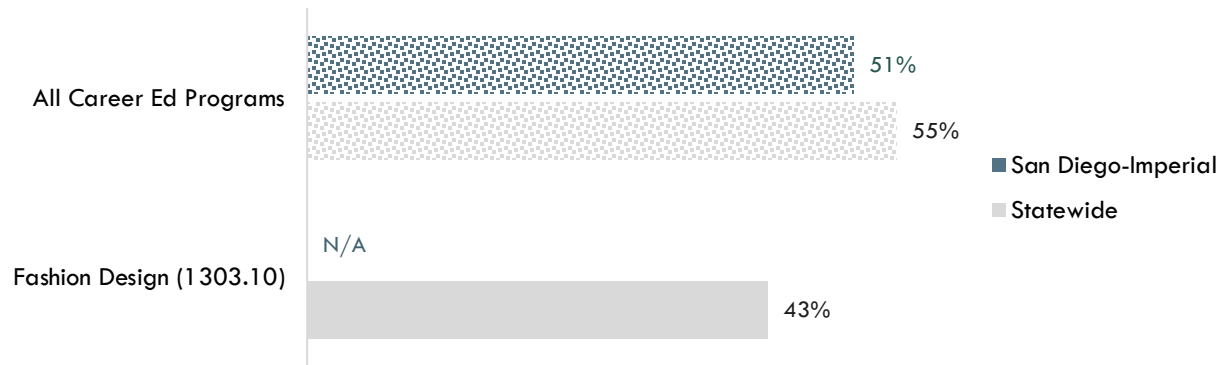
<sup>7</sup> Labor supply can be found from two different sources: EMSI or the California Community Colleges Chancellor's Office MIS Data Mart. EMSI uses CIP codes while MIS uses TOP codes. Different coding systems result in differences in the supply numbers.

<sup>8</sup> "Supply and Demand," Centers of Excellence Student Outcomes, [coecc.net/Supply-and-Demand.aspx](http://coecc.net/Supply-and-Demand.aspx).

## Student Outcomes and Regional Comparisons

According to the California Community Colleges LaunchBoard, 43 percent of students statewide earned a living wage after completing a *Fashion Design* (1303.10) program, compared to 55 percent of students in Career Education programs in general across the state (Exhibit 6a).<sup>9</sup>

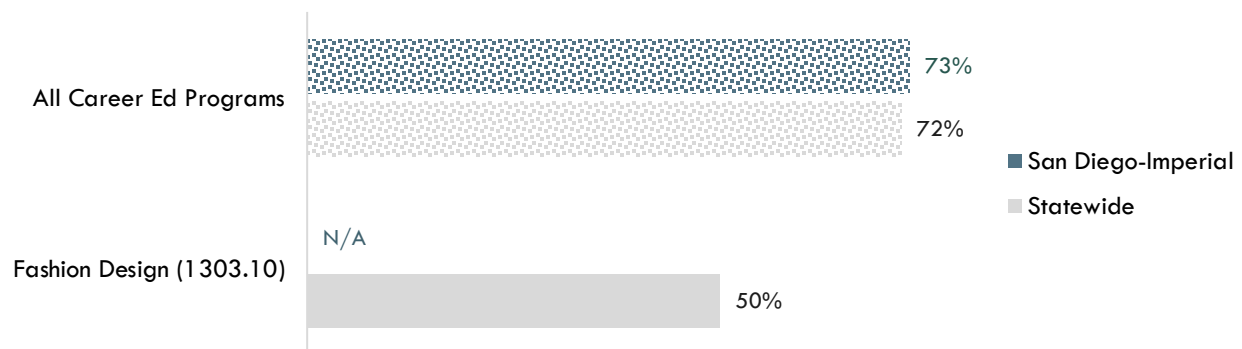
**Exhibit 6a: Percentage of Students Who Earned a Living Wage by Program, PY2017-18<sup>10</sup>**



"N/A" indicates insufficient data

According to the California Community Colleges LaunchBoard, 50 percent of students statewide obtained a job closely related to their field of study after completing a *Fashion Design* (1303.10) program, compared to 72 percent of students in Career Education programs in general across the state (Exhibit 6b).<sup>11</sup>

**Exhibit 6b: Percentage of Students in a Job Closely Related to Field of Study by Program, PY2016-17<sup>12</sup>**



"N/A" indicates insufficient data

<sup>9</sup> "California Community Colleges Strong Workforce Program," California Community Colleges, [calpassplus.org/LaunchBoard/SWP.aspx](http://calpassplus.org/LaunchBoard/SWP.aspx).

<sup>10</sup> Among completers and skills builders who exited, the proportion of students who attained a living wage.

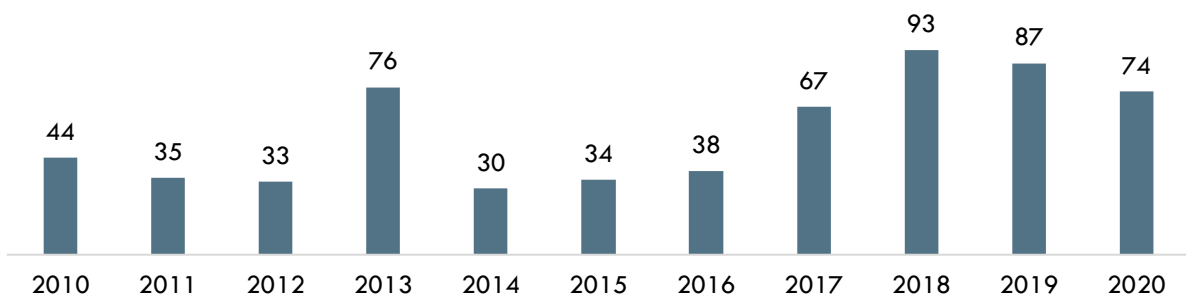
<sup>11</sup> "California Community Colleges Strong Workforce Program," California Community Colleges, [calpassplus.org/LaunchBoard/SWP.aspx](http://calpassplus.org/LaunchBoard/SWP.aspx).

<sup>12</sup> Most recent year with available data is Program Year 2016-17. Percentage of Students in a Job Closely Related to Field of Study: Among students who responded to the CTEOS, the percentage reporting employment in the same or similar field as their program of study.

## Online Job Postings

This report analyzes not only historical and projected (traditional LMI) data, but also recent data from online job postings (real-time LMI). Online job postings may provide additional insight about recent changes in the labor market that are not captured by historical data. Between 2010 and 2020, there was an average of 56 online job postings per year for *Fashion Designers* in San Diego County (Exhibit 7). Please note that online job postings do **not** equal labor market demand; demand is represented by annual job openings (see Exhibit 1). Employers may post a position multiple times for various reasons, such as increasing the pool of applicants, for example.

**Exhibit 7: Number of Online Job Postings for Fashion Designers in San Diego County (2010-2020)<sup>13</sup>**



## Top Employers

Between January 1, 2018 and December 31, 2020, the top five employers in San Diego County for *Fashion Designers* were *Justice*, *Macy's*, *Ascena Retail Group*, *Ann Taylor*, and *Neiman Marcus* based on online job postings (Exhibit 8).

**Exhibit 8: Top Employers in San Diego County for Fashion Designers<sup>14</sup>**

Top Employers	
<ul style="list-style-type: none"><li>• Justice</li><li>• Macy's</li><li>• Ascena Retail Group</li><li>• Ann Taylor</li><li>• Neiman Marcus</li></ul>	<ul style="list-style-type: none"><li>• Bloomingdale's</li><li>• Sivana</li><li>• Maurices Incorporated</li><li>• Matti</li><li>• Columbia Sportswear Company</li></ul>

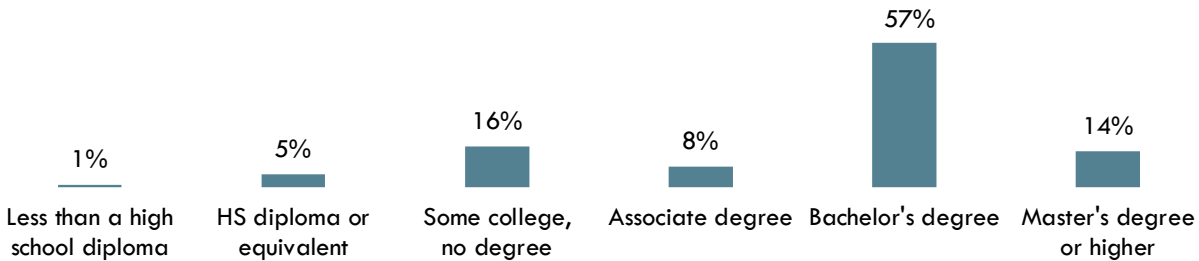
<sup>13</sup> Burning Glass Technologies, "Labor Insight Real-Time Labor Market Information Tool." 2010-2020.

<sup>14</sup> Burning Glass Technologies, "Labor Insight Real-Time Labor Market Information Tool." 2018-2020.

## Education, Skills, and Certifications

Exhibit 9 indicates the educational attainment for the occupation found currently in the national labor force. The typical entry-level education is a **bachelor's degree**.<sup>15</sup>

**Exhibit 9: National Educational Attainment of Fashion Designers<sup>16</sup>**



\*May not total 100 percent due to rounding

Exhibit 10 lists the top specialized, soft, and software skills that appeared in online job postings between January 1, 2018 and December 31, 2020.

**Exhibit 10: Top Skills for Fashion Designers in San Diego County<sup>17</sup>**

Specialized Skills	Soft Skills	Software Skills
<ul style="list-style-type: none"> <li>• Sales</li> <li>• Customer Contact</li> <li>• Retail Industry Knowledge</li> <li>• Cash Register Operation</li> <li>• Product Knowledge</li> <li>• Description and Demonstration of Products</li> <li>• Scheduling</li> <li>• Customer Service</li> <li>• Business Acumen</li> <li>• Calculation</li> <li>• Product Location</li> <li>• Budgeting</li> <li>• Calculator</li> <li>• Merchandising</li> <li>• Basic Mathematics</li> </ul>	<ul style="list-style-type: none"> <li>• Communication Skills</li> <li>• Creativity</li> <li>• Teamwork / Collaboration</li> <li>• Detail-Oriented</li> <li>• Organizational Skills</li> <li>• Building Effective Relationships</li> <li>• Physical Abilities</li> <li>• Self-Starter</li> <li>• Initiative</li> <li>• Research</li> <li>• Positive Disposition</li> <li>• Problem Solving</li> <li>• Presentation Skills</li> <li>• Written Communication</li> <li>• Leadership</li> </ul>	<ul style="list-style-type: none"> <li>• Adobe Photoshop</li> <li>• SAS</li> <li>• Adobe Illustrator</li> <li>• Microsoft Excel</li> <li>• Adobe InDesign</li> <li>• Microsoft PowerPoint</li> <li>• Adobe Acrobat</li> <li>• Adobe Creative Suite</li> <li>• Visual Design</li> <li>• Microsoft Word</li> <li>• Computer Aided Drafting/Design (CAD)</li> <li>• User Interface (UI) Design</li> <li>• 3D Studio Max</li> <li>• AutoCAD</li> <li>• Design Software</li> </ul>

<sup>15</sup> EMSI 2021.1; QCEW, Non-QCEW, Self-Employed.

<sup>16</sup> "Educational Attainment for Workers 25 Years and Older by Detailed Occupation," Bureau of Labor Statistics, last modified September 4, 2019. [bls.gov/emp/tables/educational-attainment.htm](https://www.bls.gov/emp/tables/educational-attainment.htm).

<sup>17</sup> Burning Glass Technologies, "Labor Insight Real-Time Labor Market Information Tool." 2018-2020.



Exhibit 11 lists the top certifications that appeared in online job postings between January 1, 2018 and December 31, 2020.

**Exhibit 11: Top Certifications for *Fashion Designers* in San Diego County<sup>18</sup>**

Top Certifications in Online Job Postings

1. Project Management Professional (PMP)
  2. Project Management Certification
- 

<sup>18</sup> Burning Glass Technologies, "Labor Insight Real-Time Labor Market Information Tool." 2018-2020.

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### 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.

This workforce demand report uses state and federal job projection data that was developed before the economic impact of COVID-19. The COE is monitoring the situation and will provide more information as it becomes available. Please consult with local employers to understand their current employment needs.

### Supply Filters

Sector Name: Retail, Hospitality and To...  
 TOP6 Title: Fashion Design  
 Institution Name: San Diego Mesa

### Demand Filters

Sector Name | SOC: Retail, Hospitality and T...  
 SOC | Occupation: Multiple values

**TOP6 Code**      **TOP6 Title**      **Institution Name**  
 130310      Fashion Design      San Diego Mesa



### San Diego Mesa Crosswalk Occupations for TOP6: 130310 Fashion Design

SOC   Occupation	College Trains for SOC	
13-1199 Business Operations Specialists, All Other	Yes	
27-1022 Fashion Designers	Yes	
39-3092 Costume Attendants	Yes	
51-6031 Sewing Machine Operators	Yes	
51-6052 Tailors, Dressmakers, and Custom Sewers	Yes	
51-6092 Fabric and Apparel Patternmakers	Yes	

### COE Crosswalk Occupations for TOP6: 130310 Fashion Design

Selected college: San Diego Mesa

Which other colleges train  
for this occupation?  
San Diego Mesa

SOC   Occupation	College Trains for SOC	
27-1022 Fashion Designers	Yes	

TOP6 Code	TOP6 Title	Institution Name
130310	Fashion Design	San Diego Mesa



### Catalog

Control Number	Catalog Name	Goal	Award
9414	Fashion Design	CTE (Limited to programs in CTE TOP codes other than ADTs)	A.S. Degree
19626	Computer Fashion Technology Design	CTE (Limited to programs in CTE TOP codes other than ADTs)	A.S. Degree
19627	Computer Fashion Technology Design	CTE (Limited to programs in CTE TOP codes other than ADTs)	Certificate of Achievement requiring 30 to less than 60 semester units or 45 to less than 90 quarter units
19629	Fashion Design	CTE (Limited to programs in CTE TOP codes other than ADTs)	Certificate of Achievement: 18 or greater semester (or 27 or greater quarter) units

<p><b>Total Demand</b> (selected occupation(s))</p> <p style="font-size: 24px; font-weight: bold;">89</p>	<p><b>Total Supply</b> Fashion Design</p> <p style="font-size: 24px; font-weight: bold;">35</p>
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**Annual Job Openings (2019-2024)**

SOC   Occupation	Annual Openings	Projected Growth
51-6052 Tailors, Dressmakers, and Custom Sewers	64	-4%
27-1022 Fashion Designers	25	5%
<b>Grand Total</b>	<b>89</b>	<b>2%</b>

**Annual Program Awards - 3 Yr Avg**

CC Awards (PY17-18 to PY19-20)

Non CC Awards (PY16-17 to PY18-19)

■ Community College ■ Non-Community College ■ Total

Institution Name	Awards
Palomar	15
San Diego Mesa	20

**Grand Total** 35



Average Entry-Level Wage > Living Wage (\$15.99): **False**



**Education, Training, and Wages**

SOC   Occupation	Typical Entry Level Education	Typical On-The-Job Training	Entry-level 25th Pct. Wage	Median Wage
27-1022 Fashion Designers	Bachelor's degree	None	\$19.53	\$29.68
51-6052 Tailors, Dressmakers, and Custom Sewers	No formal educational credential	Moderate-term OJT	\$8.77	\$16.42

Demographics for selected occupation(s)

Age

SOC   Occupation	14-18	19-21	22-24	25-34	35-44	45-54	55-64	65+
27-1022 Fashion Designers	0%	0%	0%	33%	22%	19%	13%	7%
51-6052 Tailors, Dressmakers, and Custom ..	0%	0%	2%	11%	14%	29%	25%	17%

Gender

SOC   Occupation	Female	Male
27-1022 Fashion Designers	63%	37%
51-6052 Tailors, Dressmakers, and Custom Sewers	78%	22%

Race or Ethnicity

SOC   Occupation	Asian	Black or African American	Hispanic or Latinx	Native American or Alaska Native	Native Hawaiian or Other Pacific	Two+ Races	White
27-1022 Fashion Designers	14%	0%	27%	0%	0%	0%	52%
51-6052 Tailors, Dressmakers, and Custom Se..	25%	4%	44%	0%	0%	0%	26%

National Educational Achievement

SOC   Occupation	< HS	HS	Some College	Associate	Bachelor's	Master's	PhD or Professional
27-1022 Fashion Designers	2%	9%	16%	12%	49%	10%	2%
51-6052 Tailors, Dressmakers, and Custom Sewers	24%	29%	21%	8%	14%	2%	1%

Selected TOP6: **Fashion Design**  
Total Supply: **35**

Annual Program Awards - 3 Yr Avg (Supply)

■ Community College ■ Non-Community College ■ Total

Award Level	Palomar	San Diego Mesa	Grand Total
Associate Degree	15	20	35
<b>Grand Total</b>	<b>15</b>	<b>20</b>	<b>35</b>

TOP6 Program Title: **130310 Fashion Design**

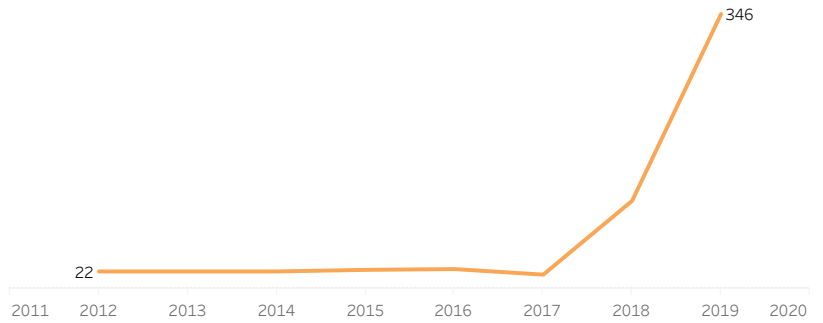
Program Year  
2015-16

College: **San Diego Mesa**

### Enrollment Trends

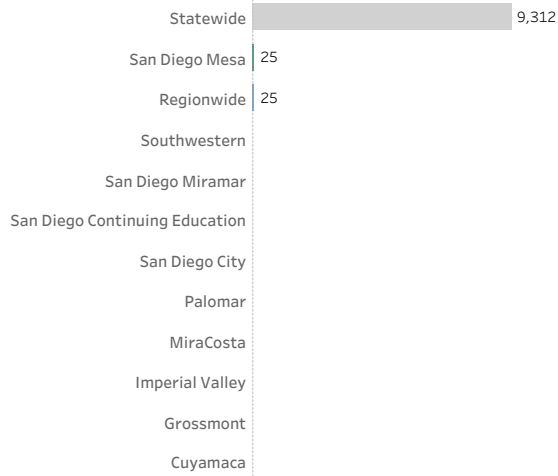
	Enrollments	Sections Offered
2011-12	22	1
2012-13	22	1
2013-14	22	1
2014-15	24	1
2015-16	25	1
2016-17	18	1
2017-18	111	7
2018-19	346	19

### Enrollment Trends

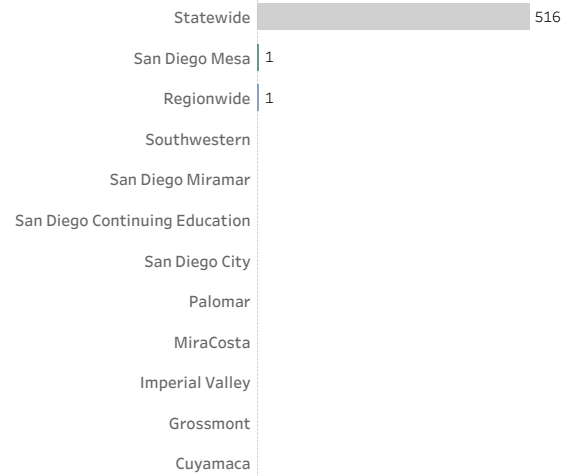


Note: If there were fewer than 10 students, the data for the metric were suppressed in the Chancellor's Office LaunchBoard.

### # Course Enrollments (2015-16)



### # Course Sections (2015-16)



Note: If there were fewer than 10 students, the data for the metric were suppressed in the Chancellor's Office LaunchBoard.



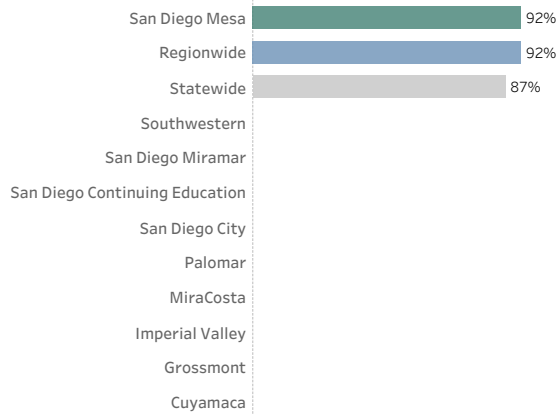
TOP6 Program Title: **130310 Fashion Design**  
College: **San Diego Mesa**

Program Year  
2015-16

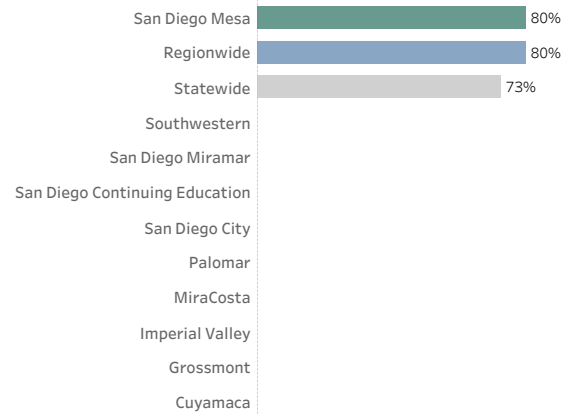
Metric	2014-15	2015-16	2016-17	2017-18	2018-19
Course Retention Rate	88%	92%	83%	79%	85%
Retained Fall to Spring at Any College	100%	100%	100%	100%	84%
Retained Fall to Spring at Same College	100%	100%	100%	100%	81%
Course Success Rate	79%	80%	78%	69%	76%
Persistence in Three Semesters at Any College	80%	68%		62%	
Persistence in Three Semesters at Same College	75%	68%		51%	

Note: If there were fewer than 10 students, the data for the metric were suppressed in the Chancellor's Office LaunchBoard.

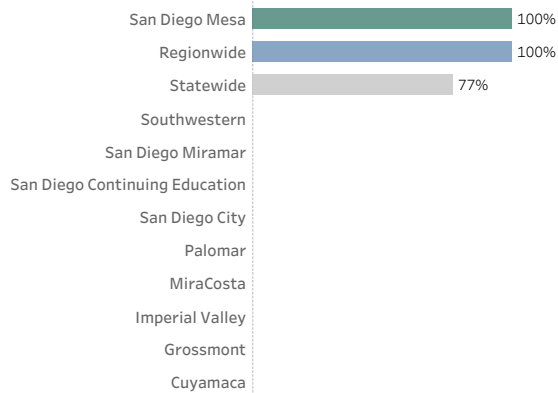
### Course Retention Rate (2015-16)



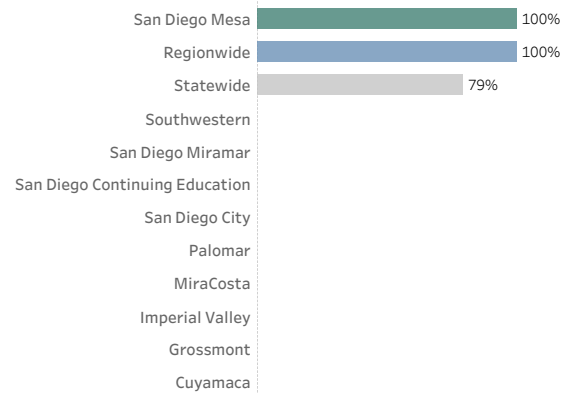
### Course Success Rate (2015-16)



### Term-to-Term Retention Rate: Same College (2015-16)



### Term-to-Term Retention Rate: Any College (2015-16)



Note: If there were fewer than 10 students, the data for the metric were suppressed in the Chancellor's Office LaunchBoard.

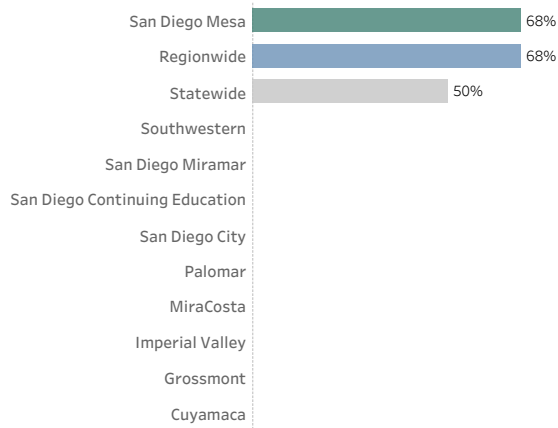
TOP6 Program Title: 130310 Fashion Design  
College: San Diego Mesa

Program Year  
2015-16

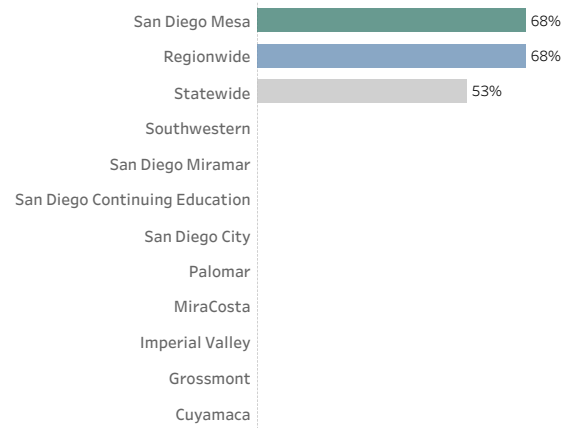
Metric	2014-15	2015-16	2016-17	2017-18	2018-19
Course Retention Rate	88%	92%	83%	79%	85%
Retained Fall to Spring at Any College	100%	100%	100%	100%	84%
Retained Fall to Spring at Same College	100%	100%	100%	100%	81%
Course Success Rate	79%	80%	78%	69%	76%
Persistence in Three Semesters at Any College	80%	68%		62%	
Persistence in Three Semesters at Same College	75%	68%		51%	

Note: If there were fewer than 10 students, the data for the metric were suppressed in the Chancellor's Office LaunchBoard.

**Persistence Rate: Same College (2015-16)**



**Persistence Rate: Any College (2015-16)**

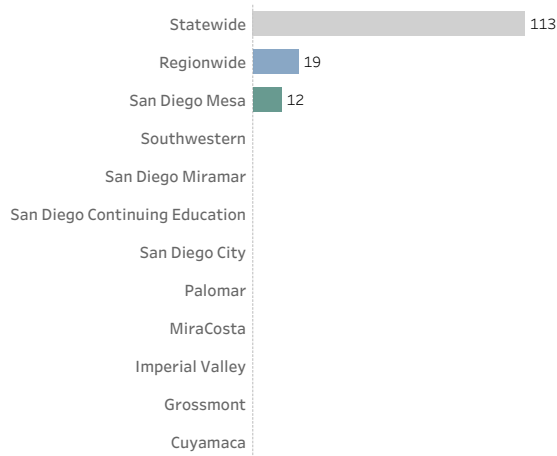


Note: If there were fewer than 10 students, the data for the metric were suppressed in the Chancellor's Office LaunchBoard.

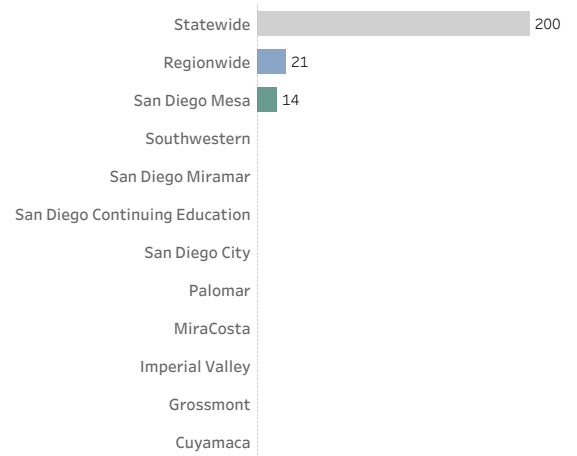
TOP6 Program Title: 130310 Fashion Design  
College: San Diego Mesa

Program Year  
2015-16

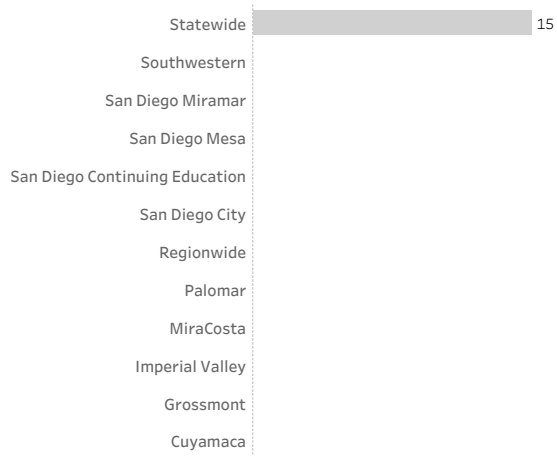
# Who Earned Associate Degrees (2015-16)



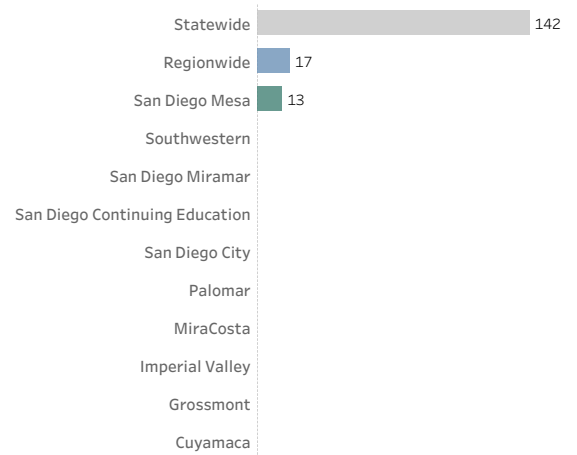
# Who Earned a Degree or Certificate (2015-16)



# Who Earned a Locally-Issued Certificate (2015-16)



# Who Earned a Chancellor's Office Approved Certificate (2015-16)



Note: If there were fewer than 10 students, the data for the metric were suppressed in the Chancellor's Office LaunchBoard.

TOP6 Program Title: 130310 Fashion Design

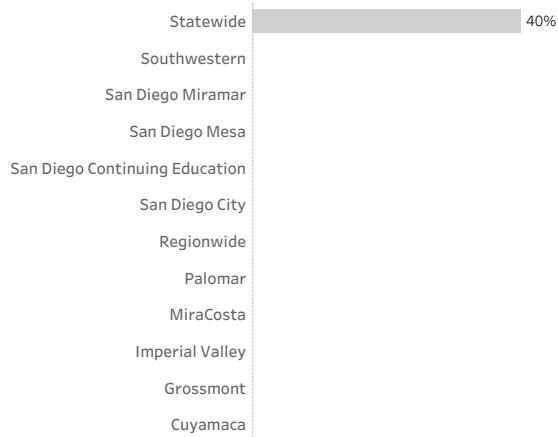
Program Year  
2016-17

College: San Diego Mesa

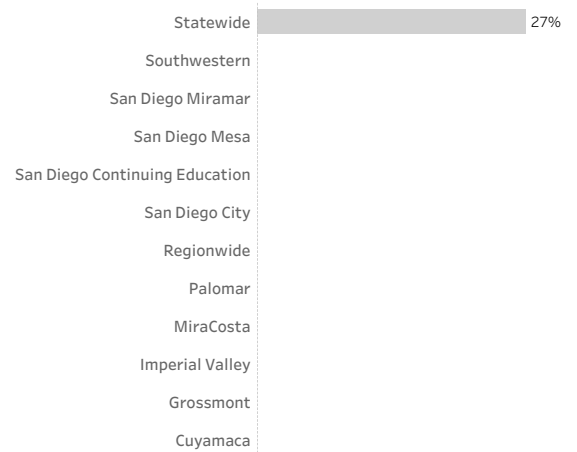
		Statewide	Regionwide	San Diego Mesa
Attained the Living Wage	PY 2016-17	40%		
Median Change in Earnings	PY 2016-17	27%		
Job Closely Related to Field of Study	PY 2016-17	50%		

Note: If there were fewer than 10 students, the data for the metric were suppressed in the Chancellor's Office LaunchBoard.

% Attained a Living Wage (2016-17)



% Median Change in Earnings (2016-17)



% Job Closely related to Field of Study (2016-17)



Note: If there were fewer than 10 students, the data for the metric were suppressed in the Chancellor's Office LaunchBoard.

Metric Definitions

<b>Attained the Living Wage</b>	Among students who exited college and did not transfer to any postsecondary institution, the proportion who attained the district county living wage for a single adult measured immediately following academic year of exit
<b>Course Retention Rate</b>	Among all credit enrollments, percentage of enrollments where students did not withdraw and received a valid grade in the selected year
<b>Course Success Rate</b>	Among all credit enrollments, the percentage of enrollments where students successfully completed the course
<b>Earned Any Associate Degree</b>	Number of unduplicated students who earned any AA or AS degree on the selected TOP code in the selected year and who were enrolled in the district in the selected year
<b>Earned Chancellor’s Office Approved Credit Certificates</b>	Number of unduplicated students who earned a Chancellor’s Office approved credit certificate on the selected TOP code in the selected year and who were enrolled in the district in the selected year
<b>Earned Locally Issued Certificates</b>	Number of unduplicated students who earned locally issued certificates or certificates not approved by the Chancellor’s Office on the selected TOP code in the selected year and who were enrolled in the district in the selected year
<b>Earned a Degree or Certificate (Completers)</b>	Number of unduplicated students who met the Community College Pipeline definition for completion, meaning that they earned one or more noncredit certificates, Chancellor’s Office approved credit certificates, associate degrees, or community college bachelor’s degrees in the selected year and were also enrolled within the same community college district in the selected year
<b>Enrollments</b>	The number of enrollments in courses assigned to the TOP code in the selected year
<b>Job Closely Related to Field of Study</b>	Among students who responded to the CTE Outcomes Survey and did not transfer to any postsecondary institution, the proportion who reported that they are working in a job very closely or closely related to their field of study
<b>Median Change in Earnings</b>	Among students who exited and who did not transfer, median change in earnings between the second quarter prior to the beginning of the academic year of entry and the second quarter after the end of the academic year of exit from the last college attended
<b>Persistence in Three Semesters at Any College</b>	Among students who enrolled in at least one credit course in a TOP code in a primary term of the selected year who did not transfer or who did not earn an award in the selected year, the percentage who enrolled in at least one course in any TOP code in all three consecutive primary semester terms or in all four consecutive primary quarter terms at any college
<b>Persistence in Three Semesters at Same College</b>	Among students who enrolled in at least one credit course in a TOP code in a primary term of the selected year who did not transfer or who did not earn an award in the selected year, the percentage who enrolled in at least one course in any TOP code in all three consecutive primary semester terms or in all four consecutive primary quarter terms at the selected school
<b>Retained Fall to Spring at Any College</b>	Among students who enrolled in at least one credit course in a TOP code in the fall term of the selected year at the selected institution who did not transfer or who did not earn an award in the selected year, the percentage who enrolled in at least one credit course in any TOP code in a subsequent primary term in the selected year at any college
<b>Retained Fall to Spring at Same College</b>	Among students who enrolled in at least one credit course in a TOP code in the fall of the selected year who did not transfer or who did not earn an award in the selected year, the percentage who enrolled in at least one credit course in any TOP code in a subsequent primary term at the selected school
<b>Sections Offered</b>	The number of sections offered in the TOP code in the selected year
<b>Transferred to a Four-Year Postsecondary Institution</b>	Unduplicated count of CCP students who exited the community college system in the prior year and enrolled in a four-year institution in the selected year

## Dashboard Notes

### Labor Market

- EMSI 2021.1; QCEW, Non-QCEW, Self-Employed
- TOP data comes from the California Community Colleges Chancellor's Office MIS Data Mart ([datamart.cccco.edu](http://datamart.cccco.edu)) and CIP data comes from the Integrated Postsecondary Education Data System ([nces.ed.gov/ipeds/use-the-data](http://nces.ed.gov/ipeds/use-the-data)).
- "California Family Needs Calculator (formerly the Self-Sufficiency Standard)," Insight: Center for Community Economic Development, last updated 2018. [insightcced.org/2018-self-sufficiency-standard](http://insightcced.org/2018-self-sufficiency-standard).
- 10th and 25th percentiles could be considered entry-level wages, and 75th and 90th percentiles could be considered experienced wages for individuals who may have been in the occupation longer, received more training than others, etc.

### Demographics

- EMSI 2021.1; QCEW, Non-QCEW, Self-Employed

### Award Type Breakout

- TOP data comes from the California Community Colleges Chancellor's Office MIS Data Mart ([datamart.cccco.edu](http://datamart.cccco.edu)) and CIP data comes from the Integrated Postsecondary Education Data System ([nces.ed.gov/ipeds/use-the-data](http://nces.ed.gov/ipeds/use-the-data)).

### Enrollment

- "California Community Colleges Strong Workforce Program," California Community Colleges, [calpassplus.org/LaunchBoard/SWP.aspx](http://calpassplus.org/LaunchBoard/SWP.aspx)

### Persistence

- "California Community Colleges Strong Workforce Program," California Community Colleges, [calpassplus.org/LaunchBoard/SWP.aspx](http://calpassplus.org/LaunchBoard/SWP.aspx)

### Completions

- "California Community Colleges Strong Workforce Program," California Community Colleges, [calpassplus.org/LaunchBoard/SWP.aspx](http://calpassplus.org/LaunchBoard/SWP.aspx)

### Employment

- "California Community Colleges Strong Workforce Program," California Community Colleges, [calpassplus.org/LaunchBoard/SWP.aspx](http://calpassplus.org/LaunchBoard/SWP.aspx)

# Local Conditions


## SAN DIEGO COUNTY ECONOMY

Data Set 12. Top 20 Growing Occupations for Jobs that Require Postsecondary Education

	Number of Jobs in San Diego County		% Job Growth	Entry-level Education Required	Annual Median Salary
	Estimated 2016	Projected 2026			
Nurse Practitioners*	1,480	1,980	33.8	Master's	\$118,048
Physician Assistants*	1,240	1,640	32.3	Master's	\$112,260
Health Technologists and Technicians, All Other*	1,990	2,520	31.7	Postsecondary Non-degree Award	\$43,056
Mathematicians	190	250	31.6	Master's	\$133,534
Statisticians <sup>0</sup>	380	500	31.6	Master's	\$107,528
Software Developers, Applications <sup>0</sup>	10,320	13,510	30.9	Bachelor's	\$108,086
Market Research Analysts & Marketing Specialists <sup>0</sup>	7,660	9,990	30.4	Bachelor's	\$63,288
Physical Therapist Assistants*	570	740	29.8	Associate	\$57,921
Information Security Analysts <sup>0</sup>	590	760	28.8	Bachelor's	\$98,460
Operations Research Analysts <sup>0</sup>	1,240	1,590	28.2	Bachelor's	\$88,224
Numerically Controlled Machine Tool Programmers	250	320	28.0	Postsecondary Non-degree Award	\$69,008
Occupational Therapy Assistants*	400	510	27.5	Associate	\$63,743
Cartographers and Photogrammetrists	110	140	27.3	Bachelor's	\$72,078
Medical Assistants*	7,490	9,510	27.0	Postsecondary Non-degree Award	\$37,215
Respiratory Therapists*	1,640	2,070	26.2	Associate	\$80,445
Veterinarians*	880	1,110	26.1	Doctoral or Professional	\$112,331
Sound Engineering Technicians <sup>0</sup>	270	340	25.9	Postsecondary Non-degree Award	\$48,804
Physical Therapist*	2,000	2,510	25.5	Doctoral or Professional	\$92,093
Marriage and Family Therapists*	1,290	1,610	24.8	Master's	\$55,028
Fashion Designers	250	310	24.0	Bachelor's	\$65,091

Source: California Employment Development Department

Note: \* identifies health care occupations and <sup>0</sup> identifies technical and informational services occupations

 Open in Acrobat

### OBSERVATIONS

- The top 20 growing occupations that require postsecondary education correspond to the industry sectors that are forecast to grow. (Refer to Data Set 9.)
- **Eighty percent of the top 20 growing occupations are in the information and service sectors -- ten in health care occupations and six in technical and informational services occupations.**
- Salaries correspond to entry-level educational requirements. The average annual median salary for the 13 occupations in Data Set 12. that require a bachelor's degree or higher is \$97,311 compared to an average of \$57,170 for occupations that require postsecondary degrees or certificates.



# SAN DIEGO COMMUNITY COLLEGE DISTRICT

CITY COLLEGE • MESA COLLEGE • MIRAMAR COLLEGE • CONTINUING EDUCATION

San Diego Mesa College Fashion Advisory Committee

## Virtual Vote

Wednesday, July 6 – Monday, July 11, 2022

### I. Introductions / Sign In

- a. This was a virtual vote done via email and a Google Form to approve the program's suggested modifications to the following awards:
  - i. Fashion Design AS and CA
  - ii. Computer Fashion Technology – Design AS and CA
- b. The modifications are to reduce the units for the awards to help our students complete their degrees in a timely manner, while ensuring alignment to industry needs for employment.

### II. Approval of Agenda & Minutes

- a. n/a – this meeting was a virtual vote only – no other meeting agenda items were discussed, and no synchronous meeting took place.

### III. Curriculum Updates and Vote

- a. Jordyn Smiley sent an email to advisory board members with the modifications for the Fashion Design awards: Fashion Design (AS and CA) and Computer Fashion Technology – Design (AS and CA).
  - i. Restructuring of course work to decrease number of units (see fig 1):
    1. Fashion Design CA: reduction of 8-10 units
    2. Fashion Design AS: reduction of 8-10 units
    3. Computer Fashion Tech CA: reduction of 2-3 units
    4. Computer Fashion Tech AS: reduction of 7-10 units
  - ii. Re-naming of the awards to be more in alignment with industry terminology:
    1. "Fashion Design" will become "Fashion and Costume Design"
      - a. Within the AS and Cert there will be two emphases– one for Fashion and one for Costume.
    2. "Computer Fashion Technology – Design" will become "Fashion Technology: Design"
- b. Advisory Board Members voted on modifications to Fashion Design Awards via a Google Form (see fig 2)
  - i. 9 out of 9 board members (all professionals, no faculty) voted in favor of modifications as presented:

Bridget Fitch, Jenneva Macias, Andrea Marx, Ashley Meek, Christiann Moore, Marty Ornish, Susan Suarez, Kathie Taylor
  - ii. 0 members voted in opposition of the modifications



**Fig. 1: Change in Units due to Modifications:**

<b>Fashion Design</b>	<b>old</b>	<b>new</b>	<b>difference</b>
CA	31-37	23-27	-8 to -10
AS	46-52	38-42.5	-8 to -10
<b>Computer Fash Tech</b>			
CA	31	28-29	-2 to -3
AS	45	35-38	-7 to -10

**Fig. 2: Voting Results:**

<b>Timestamp</b>	<b>Email</b>	<b>Your Name:</b>	<b>Company Name / Position Title</b>	<b>Do you approve the suggested modifications to the Design Awards? (Yes, Yes with modifications, or No)</b>	<b>If you answered "with modifications" above, please list your suggested modifications here:</b>
2022/07/07 1:21:31 PM MDT	s-suarez@sbcglobal.net	Susan Suarez	Susan Suarez Consultant	Yes	
2022/07/07 5:24:29 PM MDT	designer@christiannmoore.com	Christiann Moore	Christiann Moore Designs/ Owner-Designer	Yes	
2022/07/08 9:47:19 AM MDT	marty.ornish@gmail.com	Marty Ornish	MartyO Design	Yes	
2022/07/08 11:37:49 AM MDT	andreadmarx@gmail.com	Andrea Marx Bruno	Professor Emeritus	Yes	
2022/07/08 10:32:25 PM MDT	crookedcrown20@gmail.com	Ashley Meek	Volcano Designs / Owner/Designer	Yes	
2022/07/10 10:08:02 AM MDT	zariwahab5@gmail.com	Zari Wahab	Nordstrom /tailor	Yes	
2022/07/11 9:48:52 AM MDT	articlesbykt@gmail.com	Kathie Lyn Taylor	The Old Globe Theatre / Draper	Yes	
2022/07/11 11:48:38 AM MDT	jennevamacias@gmail.com	Jenveva Macias	Sesame Place/ Costume Specialist	Yes	
2022/07/11 1:46:16 PM MDT	bridgetfitch@gmail.com	Bridget Fitch	Paige- associate designer	Yes	

## Fashion Program Advisory Committee List 2022-2023

Required	First Name	Last Name	Title	Agency or Organization	Email
<b>1. CTE Faculty and Lead Perkins/Career Education Dean(s) with the addition of Counseling, WBL, and Outreach Representatives</b>	Jordyn	Smiley	Associate Professor	San Diego Mesa College	jsmiley@sdccd.edu
	Anna Marie	Phillips	Adjunct Instructor	San Diego Mesa College	aphillips@sdccd.edu
	Rachael	Libolt	Adjunct Instructor	San Diego Mesa College	rmlibolt@yahoo.com
	Susan	Lazear	Professor Emeritas	San Diego Mesa College	profsusanlazear@gmail.com
	Jeanne	Reith	Adjunct Instructor / Costume Designer	San Diego Mesa College	costumejeanne@gmail.com
	Liese	Hoffmire	Adjunct Instructor / Stylist	San Diego Mesa College	lhoffmire@sdccd.edu
	Su Lin	Chen	Adjunct Instructor / Tailor	San Diego Mesa College	suchen@sdccd.edu
	Diana	Cavagnaro	Adjunct Instructor / Milliner	San Diego Mesa College	diana@dianacavagnaro.com
	Gretchen	Bergman	Adjunct Instructor / Fashion Show Coordinator	San Diego Mesa College	gretchenanewpath@gmail.com
	Stacey	East	Adjunct Instructor / Pattern maker	Stacey Designs	staceye@sbcglobal.net
	Monica	Romero	Dean, Business and Technology	San Diego Mesa College	mdromero@sdccd.edu
	Kirsten	Pogue-Cely	Counselor/Associate Professor	San Diego Mesa College	kcely@sdccd.edu
	Pavel	Consuegra	Internship Coordinator/WBL	San Diego Mesa College	pconsuegra@sdccd.edu
<b>2. Industry Representatives</b>	Andrea	Marx	Professor Emeritus	Freelance	andreadmarx@gmail.com
	Ashley	Meek	Designer	Volcano Designs / InCharacter Design Group	crookedcrown20@gmail.com
	Christiann	Moore	Fashion Designer	Christiann Moore Designs	Christiann@ReverseEngineering.com
	Susan	Suarez	Patternmaker	Freelance Patternmaker	susasuar1957@gmail.com
	Bridget	Fitch	Assistant Designer / Alumni	PAIGE	bridgetfitch@gmail.com
	Jenneva	Macias	Costume Specialist / Alumni	Sesame Place	jennevamacias@gmail.com
	Kathie	Taylor	Draper	Old Globe Theatre	articlesbykt@gmail.com
	Zari	Wahab	Tailor for Nordstrom / Alumni	Nordstrom	zmwa2000@yahoo.com
	Marty	Ornish	Fiber Artist	Marty O.	martyornish@gmail.com
<b>3. Students</b>	Eliud	Andrade	Student Member	Mesa	eli81_905@hotmail.com
	Jenny	Quach	Student Member	Mesa	jennykimquach@yahoo.com
<b>4. Representatives of Special Populations (DSPS, Equity)</b>	Kathie	Taylor	Draper	Old Globe Theatre	articlesbykt@yahoo.com
	Kirsten	Pogue-Cely	Counselor/Associate Professor	San Diego Mesa College	kcely@sdccd.edu