

Career Education Fact Sheet Template

Presentation: Using Data to Engage Employer Advisory Boards
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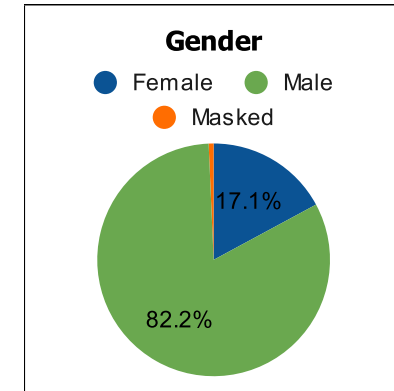
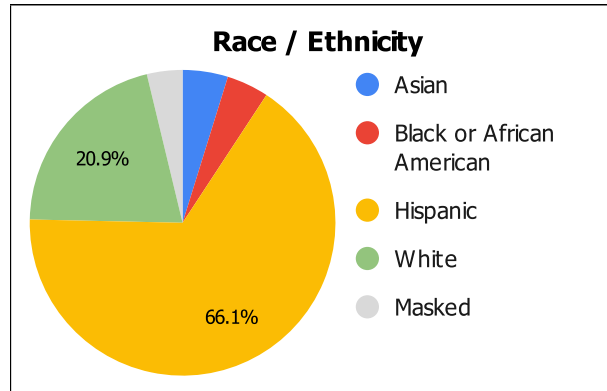
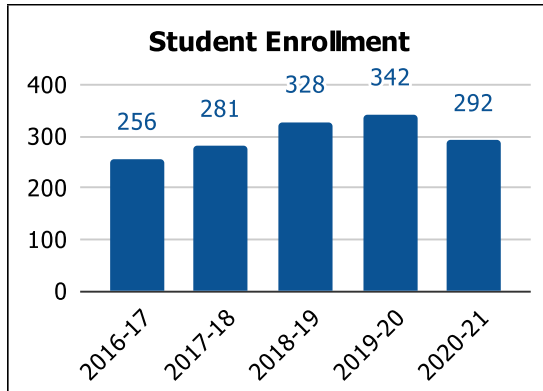
Visit the following link and copy the template to your google drive to create your own Career Education Fact Sheet.

<https://bit.ly/387LaUR>

ENGINEERING TECHNOLOGY, GENERAL (0924.00)

Institution: Community College District A

ENROLLMENT



KEY STUDENT OUTCOMES

How many students transition from adult education to postsecondary?*	
American Indian and Alaska Native	-
Asian	17%
Black or African American	24%
Filipino	-
Hispanic	15%
Pacific Islander or Hawaiian Native	-
White	24%
Two or More Races	19%
Multiple Values Reported	-
All Students	16%

Number of Students that Earn an Award (3-yr Average)	
Engineering Technology, Associate Degree	25.3
Engineering Technology, Certificate of Achievement	19.0
Engineering Technology, Certificate of Proficiency	4

How many students report employment in their field of study?	
64%	of 11 students in 2017-18 compared to 67% of 57 students statewide

*Not program specific. Transition outcomes shown for Consortium A.

Sources: Student Enrollment includes credit and noncredit (Student Information System, Accessed 2/22/22); Race / Ethnicity shows data for 2020-21 (Student Information System, Accessed 2/22/22); Gender shows data for 2020-21 (Student Information System, Accessed 2/22/22); Transitions shows data for 2019-20 (CAEP Fact Sheets, 2019 Transitions Data, Accessed 2/28/22); Awards data time frame is 2018-19 through 2020-21 (Student Information System, Accessed 2/22/22); Employment in Field of Study shows data for 2017-18 (Strong Workforce Program Dashboard, Accessed 2/2/22)

Note: '-' appears when data is not available due to masking or no students in metric .

LABOR MARKET PROFILE – CALIFORNIA COUNTY

Unemployment Comparison by Demographic Group	% of Population (2022)	% of Unemployed (Nov. 2021)	Top Skills in Online Job Postings	
American Indian or Alaska Native	1.3%	0.8%	Communications	456
Asian	13.1%	18.0%	Troubleshooting (Problem Management)	275
Black or African American	5.5%	17.8%	Detail Oriented	246
Native Hawaiian or Other Pacific Islander	0.6%	0.0%	Operations	226
Two or More Races	4.9%	-	Microsoft Excel	221
White	74.5%	63.4%	Problem Solving	183
Hispanic or Latino	34.7%	46.7%	Microsoft Office	180
Not Hispanic or Latino	65.3%	53.4%	Leadership	154
			Customer Service	152
			Living Wage in California County:	\$18.43

OUTLOOK FOR JOBS RELATED TO ENGINEERING TECHNOLOGY, GENERAL (0924.00)

Occupation	2022 Jobs	2022 - 2027	Median Wage	Living Wage	Top Job Type
Electrical and Electronic Engineering Technologists and Technicians	2,859	1%	\$35.75	Above	Top 5 Jobs with Largest Number of Jobs
Calibration Technologists and Technicians and Engineering Technologists and Technicians, Except Drafters, All Other	1,686	2%	\$37.27	Above	
Architectural and Civil Drafters	1,612	2%	\$30.95	Above	
Civil Engineering Technologists and Technicians	1,031	3%	\$27.37	Above	
Mechanical Drafters	612	0%	\$35.57	Above	
Calibration Technologists and Technicians and Engineering Technologists and Technicians, Except Drafters, All Other	1,686	2%	\$37.27	Above	Top 5 Jobs with Highest Median Wages
Electrical and Electronic Engineering Technologists and Technicians	2,859	1%	\$35.75	Above	
Mechanical Drafters	612	0%	\$35.57	Above	
Aerospace Engineering and Operations Technologists and Technicians	296	10%	\$34.56	Above	
Electro-Mechanical and Mechatronics Technologists and Technicians	153	2%	\$32.92	Above	Top 5 Jobs that Require a Bachelor's Degree
Engineers, All Other	3,934	3%	\$54.56	Above	
Cost Estimators	3,055	0%	\$35.72	Above	
Social Science Research Assistants	1,408	1%	\$25.34	Above	
Surveyors	744	3%	\$44.97	Above	
Cartographers and Photogrammetrists	131	1%	\$34.06	Above	

Sources: Unemployment Comparison shows population data for 2022 and unemployment data for Nov. 2021. Note that '-' appears when data is not available (EMSI, Accessed 2/22/22); Skills Chart shows data for Oct. 2021 (EMSI, Accessed 2/22/22); Occupational Profiles (EMSI, Accessed 2/22/22); Living Wage information provided for 2021 (Self-Sufficiency Standard for California 2021, Center for Women's Welfare, University of Washington, Accessed 2/2/22 at <https://insightcced.org/family-needs-calculator/>)

FACT SHEET DATA SOURCES GUIDE

ENROLLMENT

Student Enrollment Bar Chart

Source: Institutional Data

This data can be accessed via dashboards or visualizations provided by your institution, or you can request data directly from your institution's Office of Institutional Research. See the "Data Request Template - IR" tab for a sample data request.

Alternative Sources: LaunchBoard, including the Strong Workforce Program Dashboard and the Community College Pipeline; <https://www.calpassplus.org/LaunchBoard/Home.aspx>

Race / Ethnicity Pie Chart

Source: Institutional Data

This data can be accessed via dashboards or visualizations provided by your institution, or you can request data directly from your institution's Office of Institutional Research. See the "Data Request Template - IR" tab for a sample data request.

Alternative Sources: LaunchBoard, including the Strong Workforce Program Dashboard and the Community College Pipeline; <https://www.calpassplus.org/LaunchBoard/Home.aspx>

Gender Pie Chart

Source: Institutional Data

This data can be accessed via dashboards or visualizations provided by your institution, or you can request data directly from your institution's Office of Institutional Research. See the "Data Request Template - IR" tab for a sample data request.

Alternative Sources: LaunchBoard, including the Strong Workforce Program Dashboard and the Community College Pipeline; <https://www.calpassplus.org/LaunchBoard/Home.aspx>

KEY STUDENT OUTCOMES

Transition from Adult Education to Postsecondary

Source: CAEP Fact Sheets, which use Adult Education Pipeline data. <https://caladulted.org/2021FactSheets>

Note: This data is provided at the *consortium* level. To find out which consortium your institution is in, visit the Adult Education Pipeline's Metric Definition Dictionary and explore the Agency Crosswalk.

Alternative Sources: Adult Education Pipeline Dashboard, <https://www.calpassplus.org/Launchboard/Adult->

Number of Students that Earn an Award (3-yr Average)

Source: Institutional Data

This data can be accessed via dashboards or visualizations provided by your institution, or you can request data directly from your institution's Office of Institutional Research. See the "Data Request Template - IR" tab for a sample data request.

Alternative Sources: LaunchBoard, including the Strong Workforce Program Dashboard and the Community College Pipeline; <https://www.calpassplus.org/LaunchBoard/Home.aspx>

How many students report employment in their field of study?

Source: LaunchBoard, including the Strong Workforce Program Dashboard; <https://www.calpassplus.org/LaunchBoard/Home.aspx>

Alternative Sources: Your institution's CTEOS survey data (accessed through Institutional Research), CTEOS Website at <https://cteos.santarosa.edu/visualizations>

LABOR MARKET PROFILE - COUNTY A

Unemployment Comparison by Demographic Group	% of Population	% of Unemployed
<p>Source: EMSI Analyst This data comes from EMSI Analyst, which requires a paid subscription. However, you can get this data for <i>free</i> from your local Centers of Excellence. See the "Data Request Template - COE" tab for a sample data request. Visit their website or contact your Career Education / Workforce Development Dean for details. https://coeccc.net/</p>		

Top Skills in Online Job Postings in the Area
<p>Source: EMSI Analyst This data comes from EMSI Analyst, which requires a paid subscription. However, you can get this data for <i>free</i> from your local Centers of Excellence. See the "Data Request Template - COE" tab for a sample data request. Visit their website or contact your Career Education / Workforce Development Dean for details. https://coeccc.net/</p>

Living Wage
<p>Source: Self-Sufficiency Standard for California 2021, Center for Women's Welfare, University of Washington; https://insightcced.org/family-needs-calculator/</p>

OUTLOOK FOR JOBS RELATED TO TOP CODE NAME (####.##)

Occupation	# Jobs	5-yr Projections	Median Wage	Living Wage Comparison
Top 5 Jobs with Largest Number of Jobs / Top 5 Jobs with Highest Median Wages / Top 5 Jobs that Require a Bachelor's Degree				
<p>Source: EMSI Analyst This data comes from EMSI Analyst, which requires a paid subscription. However, you can get this data for <i>free</i> from your local Centers of Excellence. See the "Data Request Template - COE" tab for a sample data request. Visit their website or contact your Career Education / Workforce Development Dean for details. https://coeccc.net/</p>				

Data Request Template - Institutional Research

Instructions:

1. Determine which data sources you will use your fact sheet. This will determine how many data requests you need to submit, and to whom. Visit the "Data Source Guide" tab to help you make these decisions.
2. This **data request template is designed for submission to your Office of Institutional Research**. This template requests data needed to complete the Student Enrollment and Awards sections of the fact sheet. If you need to request this data, you can download and **customize** this data request for submission.

ATTN: Data Request

Request for: **Person Name**
 Office / Department
 Institution

Requested by: **Name**
 Email
 Role
 Institution

Purpose: I am developing career education fact sheets for the program/s listed below. In order to complete this project I am requesting the following data. Thank you for your support and I look forward to hearing from you.

Program Name: **Program A**
Program TOP Code: **####.##**

Data Type:	Student Enrollment
Definition:	Unique number of students enrolled in the TOP code.
Credit Status:	<input type="checkbox"/> Credit <input type="checkbox"/> Noncredit
Timeframe:	Please provide data for the 5 most recent academic years.
Disaggregation:	Race / Ethnicity; Gender
Source Information:	Please provide the source of the data with the date accessed.

Data Type:	Awards
Definition:	Unique number of students that earned an award in the TOP code.
Timeframe:	Please provide data for the 3 most recent academic years.
Disaggregation	Award Type (ex. Associate's Degree, Certificate of Achievement)
Source Information:	Please provide the source of the data with the date accessed.

Data Request Template - Centers of Excellence

Instructions:

1. Determine which data sources you will use your fact sheet. This will determine how many data requests you need to submit, and to whom. Visit the "Data Source Guide" tab to help you make these decisions.
2. This **data request template is designed for submission to the Centers of Excellence**. This template requests data needed to complete the Labor Market Profile section of the fact sheet. If you need to request this data, you can download and **customize** this data request for submission.

ATTN: Data Request

Request for: **Person Name**
Centers of Excellence for Labor Market Research

Requested by: **Name**
Email
Role
Institution

Purpose: I am developing career education fact sheets for the program/s listed below. In order to complete this project I am requesting the following data. Thank you for your support and I look forward to hearing from you.

Program Name: **Program A**

Program TOP Code: **####.##**

Data Type:	1) Population Characteristics; 2) Unemployment
Typical EMSI Analyst Report:	1) Demographic Overview; 2) Economy Overview, Unemployment by Demographics
County:	County Name
Details:	Please provide 1) the number and percentage of people that make up the geographic area by disaggregations listed below, and 2) the number and percentage of unemployed people in the geographic area by disaggregations listed below.
Timeframe:	Please provide data for the most recently available timeframe.
Disaggregation:	Race; Ethnicity
Source Information:	Please provide the timeframes, source of the data, and access date.

Data Type:	Top Skills Posted in the County
Typical EMSI Analyst Report:	Hot and Cold Skills by Job Postings
County:	County Name
Details:	Please provide the top 10 skills related to the TOP code above based job postings in the county.
Timeframe:	Please provide data for the most recently available timeframe.
Disaggregation:	None
Source Information:	Please provide the timeframe, source of the data, and access date.

Data Type:	Occupational Projections - Highest Number of Jobs
Typical EMSI Analyst Report:	Highest Ranked Occupations or Occupation Table
County:	County Name
Details:	Please provide the top 5 jobs related to the TOP code above based on <u>highest number of jobs</u> . Please include the 1) current number of jobs, 2) projected number of openings (5-yr projection), 3) projected growth rate, and 4) median hourly earnings.
Restrictions:	Jobs that require 1) some college, no degree, 2) postsecondary non-degree award, OR 3) Associate's degree
Timeframe:	Please provide data for the most recently available timeframe.
Disaggregation:	None
Source Information:	Please provide the timeframe, source of the data, and access date.

Data Type:	Occupational Projections - Highest Median Wages
Typical EMSI Analyst Report:	Highest Ranked Occupations or Occupation Table
County:	County Name
Details:	Please provide the top 5 jobs related to the TOP code above based on <u>highest median wages</u> . Please include the 1) current number of jobs, 2) projected number of openings (5-yr projection), 3) projected growth rate, and 4) median hourly earnings.
Restrictions:	Jobs that require 1) some college, no degree, 2) postsecondary non-degree award, OR 3) Associate's degree
Timeframe:	Please provide data for the most recently available timeframe.
Disaggregation:	None
Source Information:	Please provide the timeframe, source of the data, and access date.

Data Type:	Occupational Projections - Bachelor's Degree Jobs
Typical EMSI Analyst Report:	Highest Ranked Occupations or Occupation Table
County:	County Name
Details:	Please provide the top 5 jobs related to the TOP code above that <u>require a Bachelor's degree based on highest number of openings</u> . Please include the 1) current number of jobs, 2) projected number of openings (5-yr projection), 3) projected growth rate, and 4) median hourly earnings.
Restrictions:	Jobs that require a Bachelor's degree
Timeframe:	Please provide data for the most recently available timeframe.
Disaggregation:	None
Source Information:	Please provide the timeframe, source of the data, and access date.