

# CAREER TECHNICAL EDUCATION STUDENT EMPLOYMENT OUTCOMES: ADVANCED MANUFACTURING & ADVANCED TECHNOLOGY SECTOR SAN DIEGO & IMPERIAL COUNTIES COMMUNITY COLLEGES

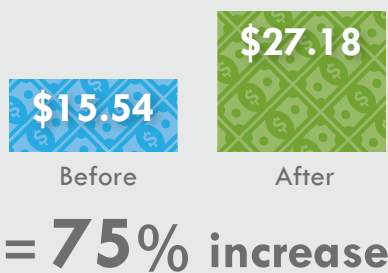
## About the Survey

More than 4,700 CTE students from the 10 community colleges in San Diego and Imperial counties were surveyed in Spring 2016 by the Office of Institutional Research and Planning at Santa Rosa Junior College. Of the total number of students who participated in the survey, **84 students** were identified in the Advanced Manufacturing and Advanced Technology sector. The purpose of the survey was to:

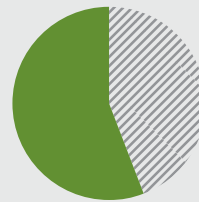
- Assess student employment outcomes
- Determine the students' college experiences and satisfaction

## Student Employment Outcomes

### HOURLY WAGES BEFORE AND AFTER COURSEWORK



### WHAT DID YOU DO AFTER COMPLETION?



**56%** of respondents obtained either a certificate or an apprenticeship after completing the coursework.



Most common certificate, license or apprenticeship obtained:  
**Electrician**

### TYPE OF EMPLOYMENT BEFORE AND AFTER COURSEWORK

Before starting coursework, **66** students, or **79%** who took Advanced Manufacturing and Advanced Technology courses, reported full-time or part-time employment. Below is the full-time and part-time employment breakdown of those 66 students:



After completing coursework, **70** students, or **83%** who took courses, reported full-time or part-time employment. Below is the full-time and part-time employment breakdown of those 70 students:



Before coursework, **55** students reported working full-time. After coursework, that number increased to **64**, which is a **16%** increase in students working full-time after coursework.

# Employment

## CURRENT EMPLOYMENT STATUS



**81%** reported being **employed** with at least one job.

Another **6%** reported being **self-employed**.

The relevant job titles were:



Airframe technician



Drafter

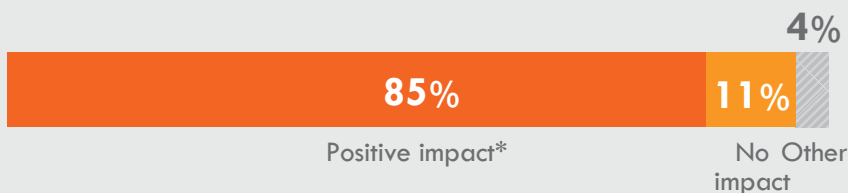


Electrician



Plumber and pipefitter

## WHAT IMPACT DID YOUR COURSEWORK HAVE ON YOUR EMPLOYMENT?



### \*Positive impact responses include:

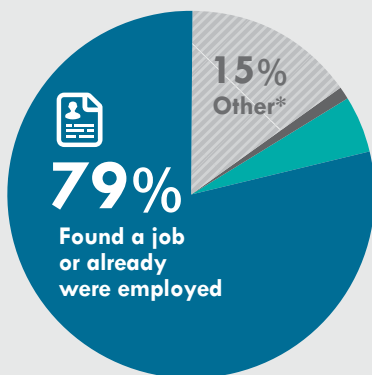
- Allowed me to get a job at a new organization
- Allowed me to stay in my current job
- Allowed me to get a promotion at my same organization
- Prepared me for a possible new job
- Allowed me to start my own business

## HOW CLOSELY RELATED IS YOUR FIELD OF STUDY TO YOUR JOB?



of the respondents reported that their current jobs were closely related to their field of study.

## DID YOU ENGAGE IN A JOB SEARCH AFTER FINISHING COURSES AND TRAINING?



- 1% No response
- 5% Still looking for a job

### \*Other responses include:

- Not looking for employment after finishing courses
- Not applicable as I am still pursuing my studies



Of the **32** students who reported a successful job search, **72%** said they had a job within three months after they finished their courses and training.

# College Experience

## WERE YOU SATISFIED WITH YOUR EDUCATION AND TRAINING?



**94% of students** were **very satisfied** or **satisfied** with the education and training they received at their college.

Reasons students said they were **very satisfied** or **satisfied** with their college experience included:

### High instructor quality

- Teachers were very knowledgeable
- Instructors in the program really cared about how well their students did.

### High program quality

- Easy program to follow and different programs to choose.
- Covered all aspects for license preparation.

### Substantial preparation for future goals

- Now I have a good job.
- I passed the state exam.

## WHAT CERTIFICATE OR MAJOR WERE STUDENTS PURSUING?



### Top certificate or major pursued by students

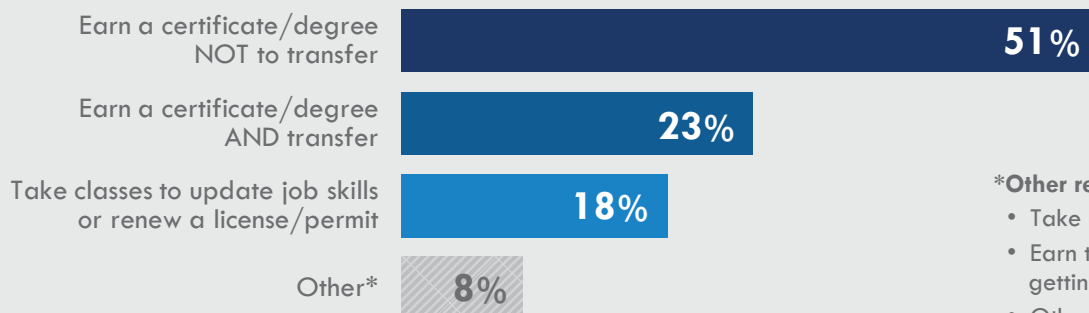
- Electrical
- Drafting
- Construction



### Other notable certificates and majors pursued include:

- Pipefitters and Plumbing
- Wood and Furniture
  - Aviation
- Machine Technology
- Manufacturing Engineer Technology

## WHAT WAS THE PURPOSE OF YOUR STUDIES?



### \*Other responses include:

- Take classes for self-enrichment only
- Earn transfer units with or without getting an associate degree
- Other

# College Experience

## INTERNSHIP PARTICIPATION



**29%**

of the students, nearly 1/3, participated in **internships** while in the program.

## TRANSFER STATUS

**8%**

of students transferred to another college or university.

### Top transfer colleges:



San Diego State University

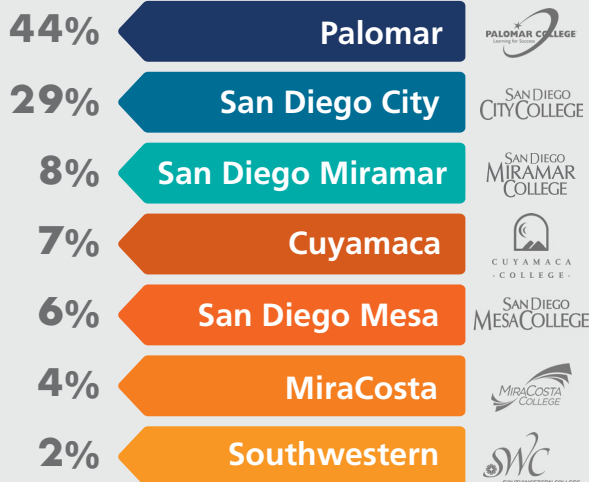


University of California, San Diego

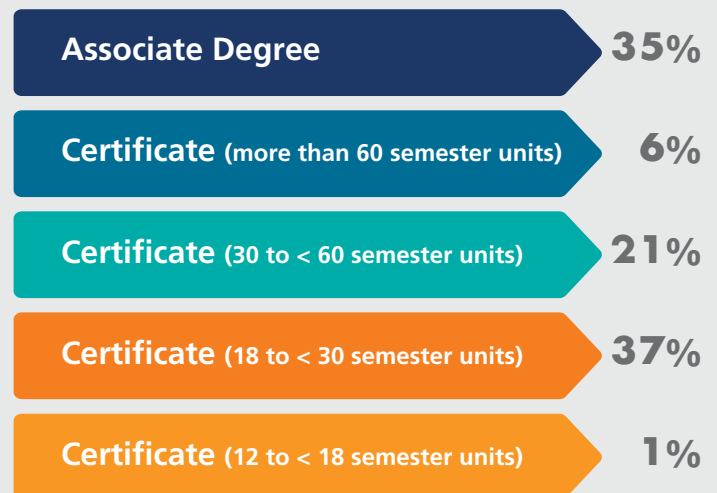


University of Arizona

## WHERE DID STUDENTS ATTEND COLLEGE?



## WHAT AWARD DID STUDENTS RECEIVE?



## About This Brief

This survey is the result of regional collaboration between the 10 community colleges in San Diego and Imperial counties and the Office of Institutional Research and Planning at Santa Rosa Junior College. This brief was developed using survey results by the San Diego-Imperial Center of Excellence for Labor Market Research (coecc.net).



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