

CAREER TECHNICAL EDUCATION STUDENT EMPLOYMENT OUTCOMES: ADVANCED TRANSPORTATION, RENEWABLE ENERGY, ENERGY EFFICIENCY & UTILITIES SECTORS 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, 115 students were identified in the advanced transportation & renewable energy and energy efficiency & utilities sectors. The purpose of the survey was to:

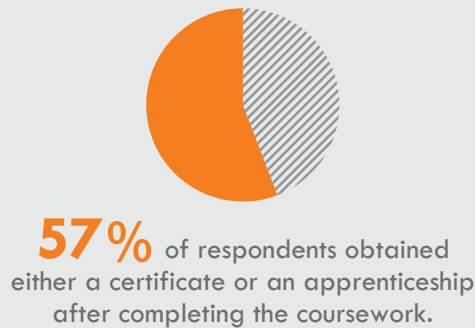
- Assess student employment outcomes
- Determine the students' college experiences and satisfaction

Student Employment Outcomes

HOURLY WAGES BEFORE AND AFTER COURSEWORK



WHAT DID YOU DO AFTER COMPLETION?



Most common certificate, license or apprenticeship obtained: Electrician

TYPE OF EMPLOYMENT BEFORE AND AFTER COURSEWORK

Before starting coursework, **88** students, or **77%** who took Advanced Transportation, Renewable Energy, Energy Efficiency & Utilities courses, reported full-time or part-time employment. Below is the full-time and part-time employment breakdown of those 88 students:



After completing coursework, **97** students, or **84%** who took courses, reported full-time or part-time employment. Below is the full-time and part-time employment breakdown of those 97 students:



- Part-time, fewer than 20 hours
- Part-time, more than 20 hours
- Full-time

Before coursework, **70** students reported working full-time. After coursework, that number increased to **85**, which is a **21%** increase in students working full-time after coursework.

Employment

CURRENT EMPLOYMENT STATUS



82% reported being **employed** with at least one job.

Another **7%** reported being **self-employed**.

The relevant job titles were:



Drafter



Foreman electrician



Journeyman pipefitter



Draftsman

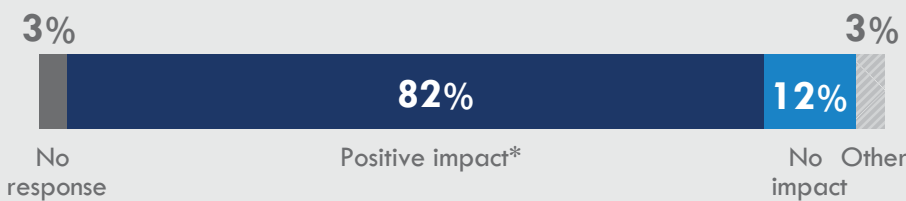


Journeyman electrician



Journeyman plumber

WHAT IMPACT DID YOUR COURSEWORK HAVE ON YOUR EMPLOYMENT?



*Positive impact responses include:

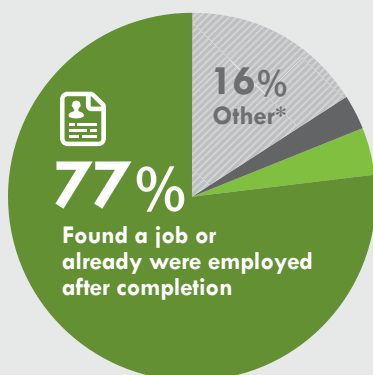
- Allowed me to get a job at a new organization
- Allowed me to stay in my current job
- Allowed me to get a promotion at my same organization
- Prepared me for a possible new job
- Allowed me to start my own business

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



said that their current jobs were closely related to their field of study.

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



3% No response
4% 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 **41** students who reported a successful job search, **68%** 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?



92% 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

- *The instructors were well educated and knowledgeable about the subject matter and the work in the field.*
- *The professors were really helpful involved, and care about the students.*

Gained applied experience

- *I got a job in the industry because of the program. I was able to get an internship that helped me get hired.*
- *Very helpful in my daily work; now I have a good job.*

High program quality

- *The classes were all well organized and the structure of the courses was easy to understand.*
- *The campus was up-to-date, everything was remodeled, and it was affordable.*

WHAT CERTIFICATE OR MAJOR WERE STUDENTS PURSUING?



Top certificate or major pursued by students:

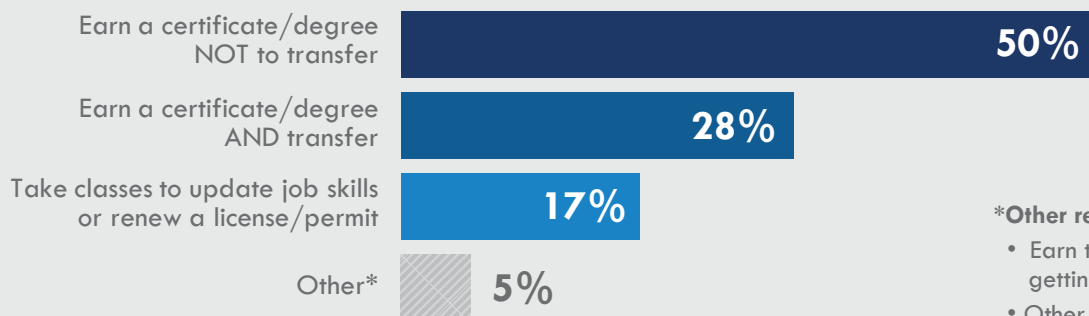
- Electrical
- Drafting
- Automotive



Other notable certificates and majors pursued include:

- Construction
- Architecture and Landscape
- Aviation

WHAT WAS THE PURPOSE OF YOUR STUDIES?



*Other responses include:

- Earn transfer units with or without getting an associate degree
- Other

College Experience

INTERNSHIP PARTICIPATION



25%

of the students participated in **internships** while in the program.

TRANSFER STATUS

17%

of students transferred to another college or university.

Top transfer colleges:



San Diego State University

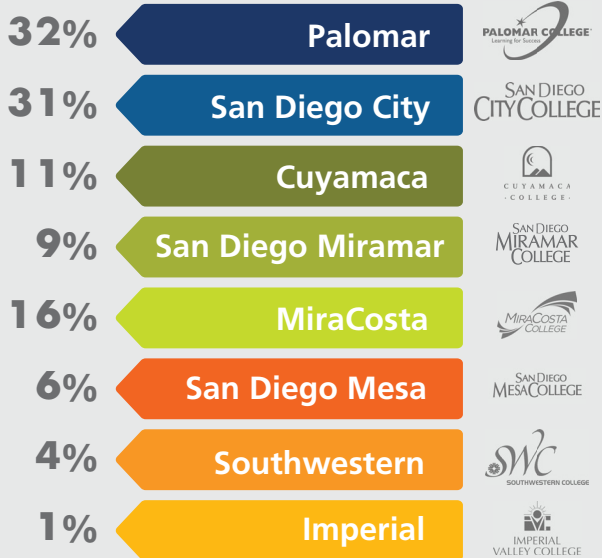


California State University, San Diego

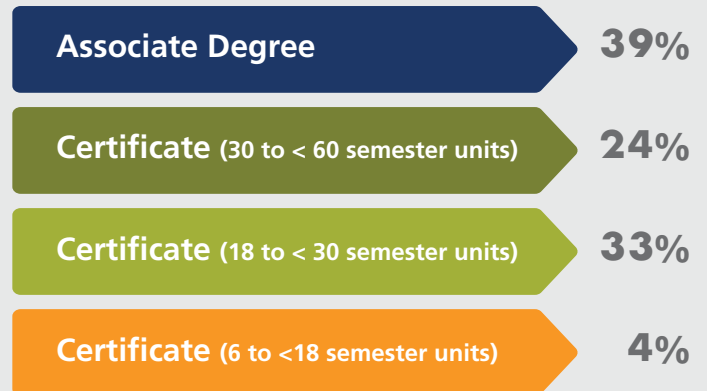


California State Polytechnic University, Pomona

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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