



# Office of Institutional Effectiveness

## Research Finding

Research Finding #43

November 2019

### CTEOS: Career & Technical Education Outcomes Survey

#### Background

This is the 5<sup>th</sup> year that Pasadena City College participated in the Career & Technical Education Employment Outcomes Survey (CTEOS). This survey provides valuable information about employment outcomes for students that participated in Career Education programs.

PCC students were contacted if they met one of the following conditions in 2016-17 and did not enroll or minimally enrolled in 2017-18: completed a certificate of six or more units, earned a vocational degree, or completed 9+ CTE units. The response rate equaled 34% as 2,839 students were contacted and 955 responded.

#### Summary

Findings demonstrate that PCC students benefit from Career Education training as the majority of respondents find employment, increase wages and work in fields related to their training. In addition to successful employment outcomes, respondents were satisfied with the training received at Pasadena City College.

Consistent with previous years, most stated (75.2%) they are employed. In fact, respondents increased hourly wages by 40% after completing training. Statewide results show higher wage gains (53%) and employment levels (80%) but employability and wages may fluctuate depending on location and major.

Career Education programs connect students with opportunities related to their field of study. For example, 70.7% of employed respondents work in an occupation very close/close to their coursework and training, on par with last year (68.7%) and statewide (69.8%) figures. Results show that students employed in a field very close to their studies/courses earn twice as much as those not employed in their field of study.

The majority (85.7%) who searched and found a job after completing training were employed within six months. In fact, more than half (64.8%) found a job within three months; this is on par with previous results. Statewide results follow a similar pattern as 87.6% reported finding a job after six months and 70.2% within three months.

Career Education training continues to maintain high satisfaction rates. The majority (92.4%) stated that they were satisfied with the education and training received at PCC, more than half (51.1%) indicated they were very satisfied. Results demonstrate that students with higher satisfaction rates have better wage gains. For instance, students that were very satisfied with training at PCC increased wages on average by \$6.77 whereas students that were very unsatisfied increased wages on average by \$1.96.

The portion of students utilizing Career Service increased slightly from last year (35% vs. 31%). Students who visited the Career Center many times increased wages on average by \$9.26 whereas those who did not visit increased wages on average by \$8.53 (56% vs. 44%).

A small portion of students (17.0%) indicated that they participated in an internship or other formal work-based learning opportunity; this is consistent with previous years. The low response rate might be that students do not have a clear understanding of work-based learning. Perhaps this figure will increase as students become aware of the variety of work-based learning opportunities.

Table 1: Employment Status

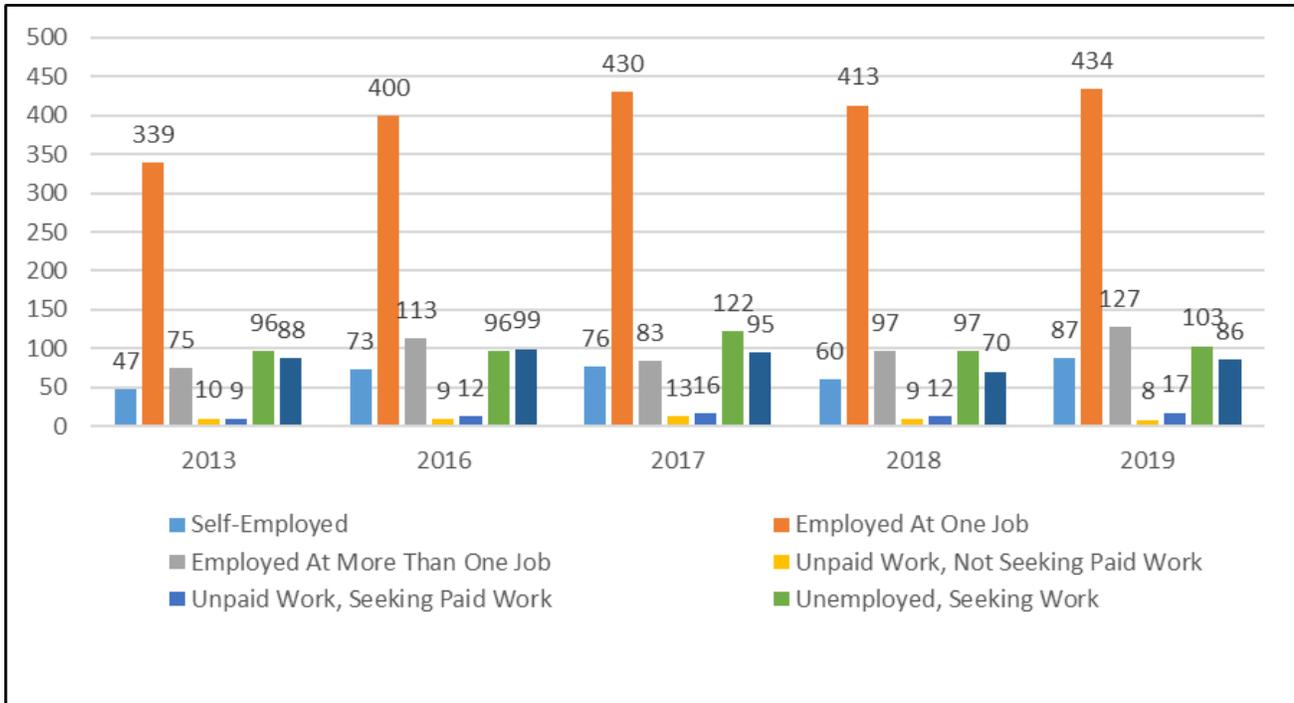


Table 2: Current Job Relates to Field of Study

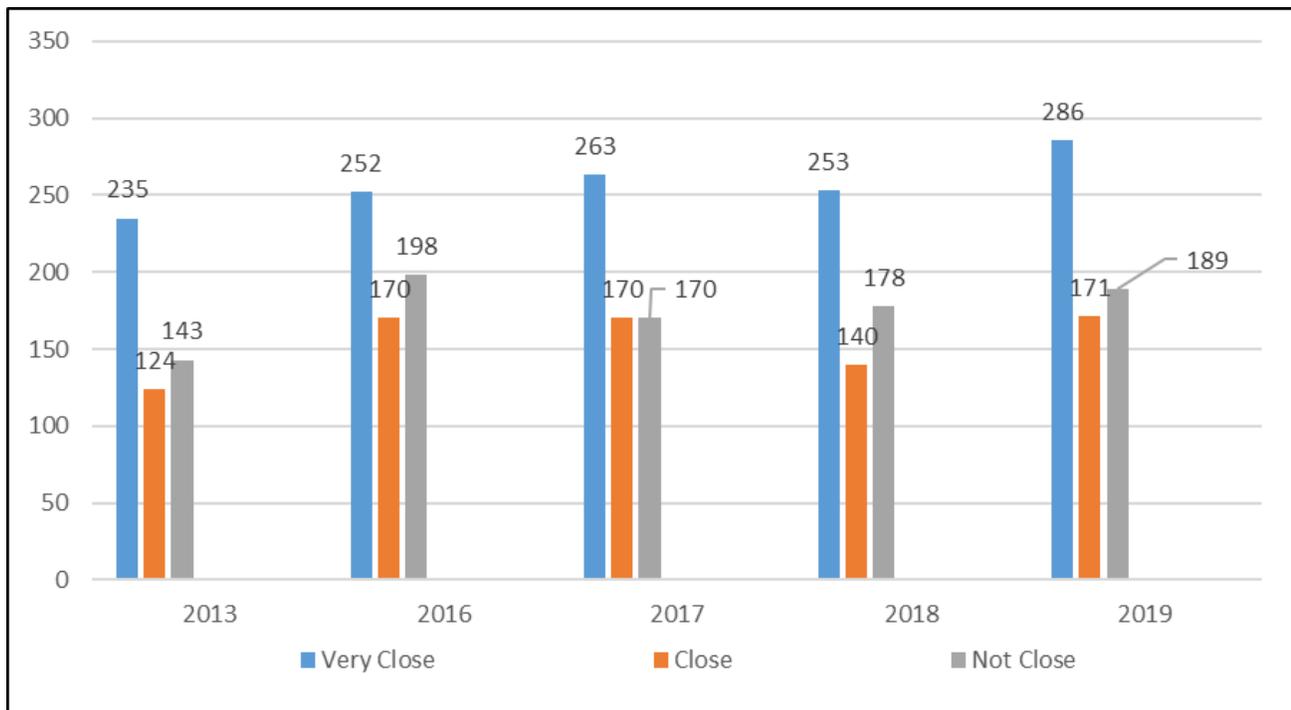


Table 3: Employment Search (months)

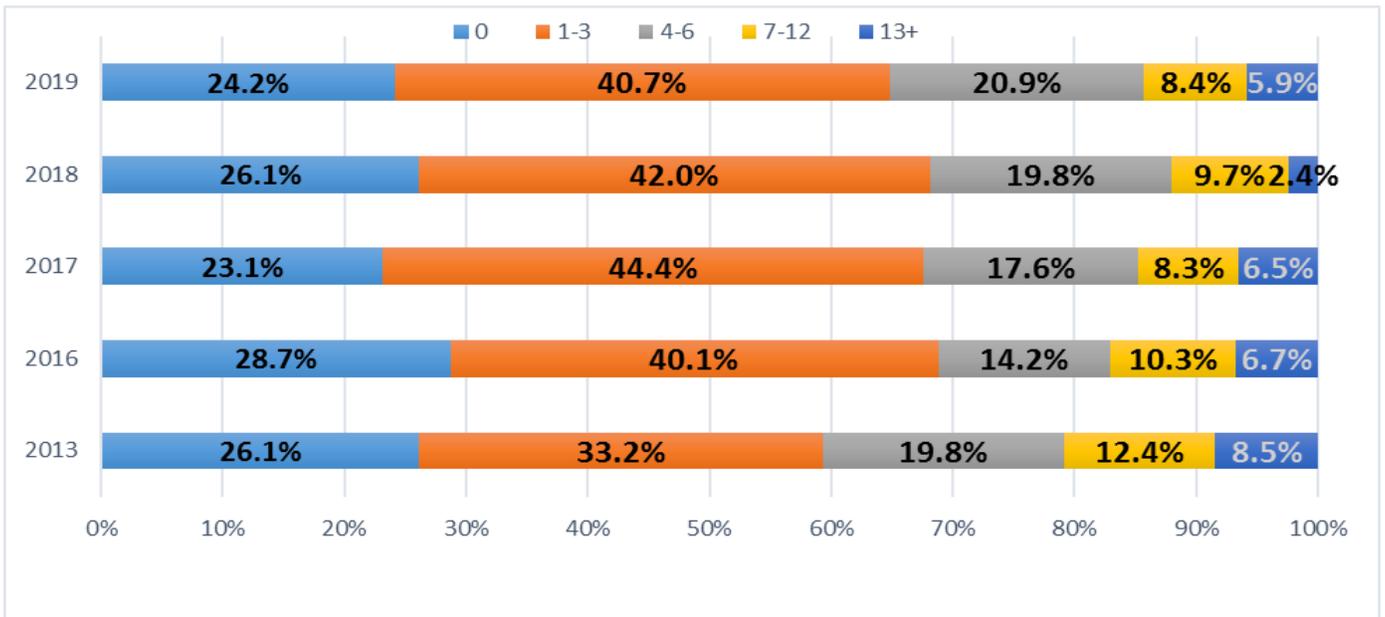


Table 4: Satisfaction with Education and Training

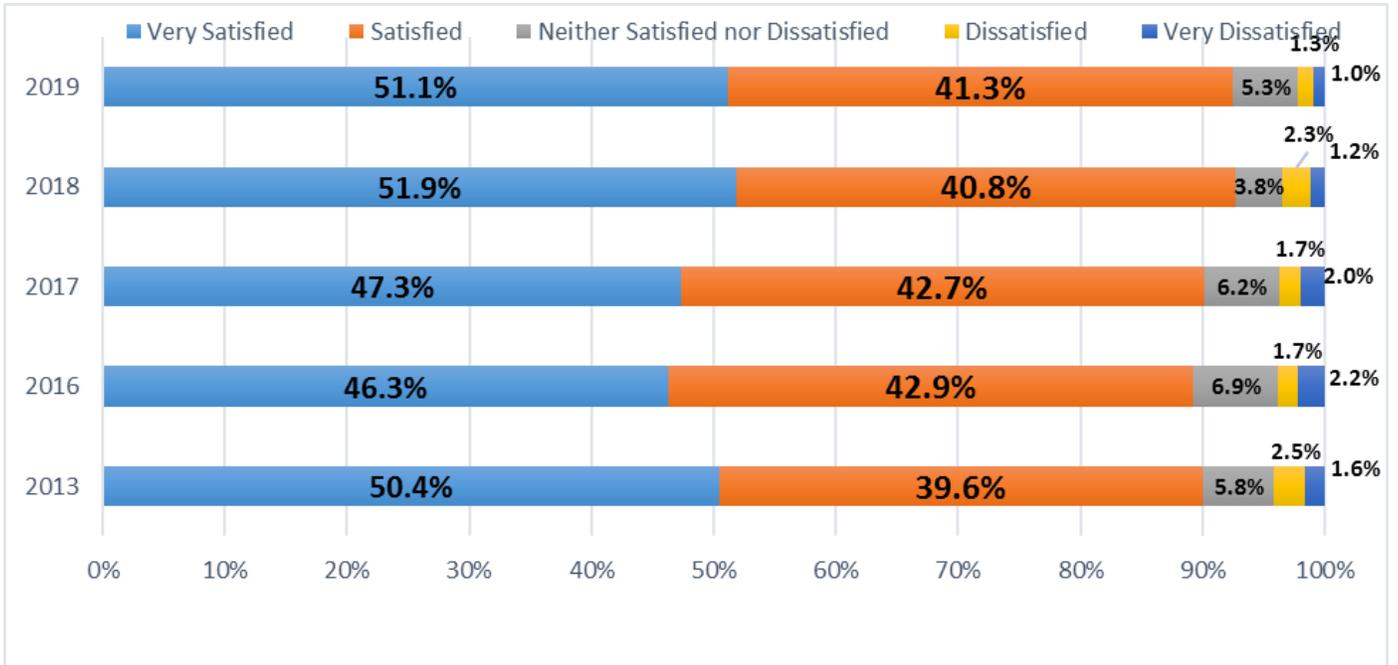


Table 5: Visited Career Services

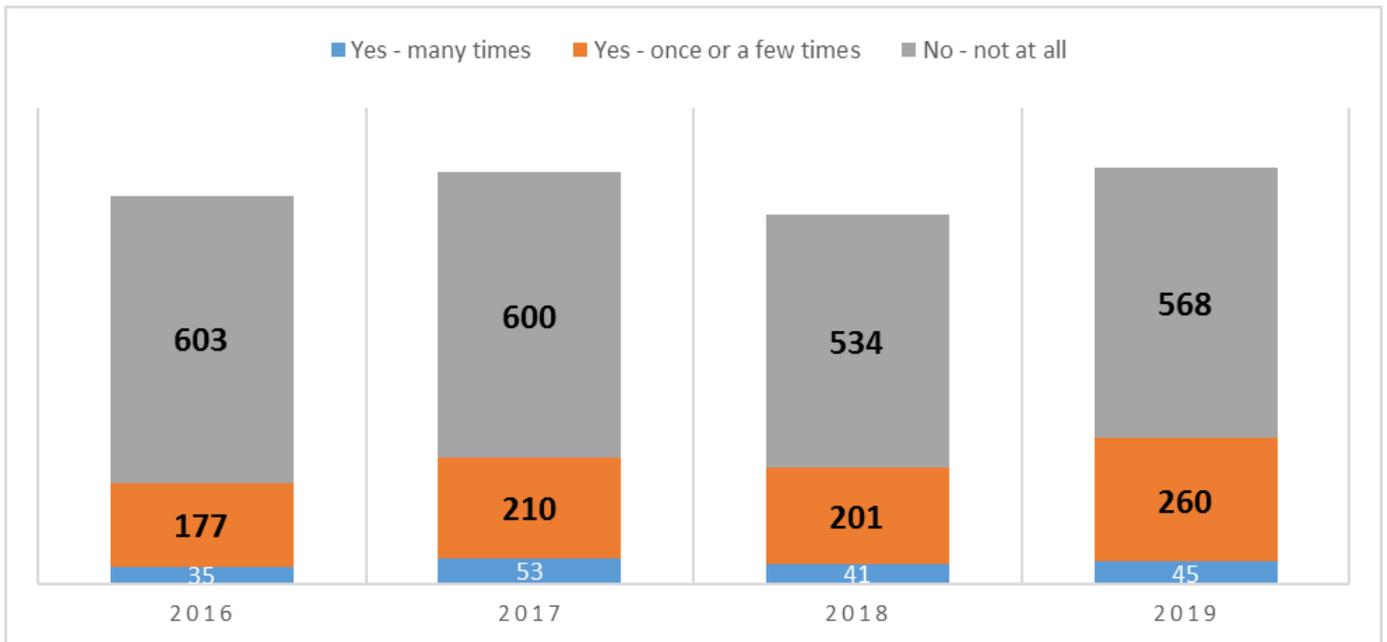


Table 6: Participated in an Internship and/or Formal Work-Based Learning Activity

