



The Clean Transportation Training Project



Industry Need/Trend:

As the automotive industry continues to bring electric vehicles (EV) and technological advances, community colleges are challenged with the acquisition of new equipment and training faculty on these technologies. This project brings curriculum, enhancements and updates to college alternative fuel and vehicle technical training programs, which increases the number of technicians available to repair and maintain alternative fueled vehicles for California's growing clean vehicles market.

Description:

The Advanced Transportation and Logistics Sector of the California Community Colleges was awarded \$4.2 million by the California Energy Commission to fund EV curriculum and enhancements to community college alternative fuel and vehicle technical training programs in disadvantaged communities. Colleges purchased equipment, updated curriculum and provided professional development training to faculty that enables them to teach the most current technologies to their students.

Metrics:



22

Colleges Funded



756

Students/Year Benefit from Purchased Equipment & New/Modified Curriculum (15 Schools Reporting)



160

Incumbent Transit Workers Trained



127

Faculty Trained (15 Schools Reporting)



20

Students from Cypress Entered the Workforce with Tesla

(Due to the upgrades the college made to its technical training program through this funding.)

"If only one car, the Gen II Prius, had been used, it would have left me knowing only about Toyota, from that certain year these cars were used. Thanks to using various vehicles, I could clearly see the differences between the electronic modules used on the cars, their performance, and the hybrid technology."

– Estefany Espina, Chabot College

"Enrollments have almost doubled since our curriculum revamp, including increased interest from women and underrepresented students. We have also seen an increase and willingness from our advisory board to be more involved as business partners with the college. They are noticing that the students we are sending them are more prepared for the workforce than before and have a better understanding of the complexities of today's vehicles."

– Andrew Haney, Bakersfield College

atl Advanced Transportation and Logistics

ATL Statewide Sector Navigator

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