

Automotive Mechanical Repair

Overview:

- The automotive industry continues to be one of the region's primary economic driver, with Cerritos being a pioneer of AFV Technologies.
- To be competitive in the marketplace, automotive technicians will need to keep abreast of the technological advancements in new vehicles, particularly, as more electric vehicles are deployed into the market place.
- Automotive service technicians need special skills and knowledge to work on electric vehicles and typically are trained to work on specific types of vehicles.

Core Indicator Alignment:

- Transportation continues to be a major economic driver in the greater Los Angeles region. This allows us align industry needs with instruction.
- It is imperative that students have electric vehicle curriculum that is current and supports these technologies.
- Completions rates should improve with our student being trained for the workforce.
- Many of our student come Cerritos to get job-related skills that lead to employment.
- Continue outreach to our non-traditional student population through campus event will continue increase our core indicator in non-traditional participation.

Solutions:

- Update curriculum to meet industry standards.
- Improve classroom equipment.
- Update faculty training in the field of Electric Vehicles through training and conference.

Submitted by: Joe Mulleary

Amount Funded: \$68,200

Commercial Music

Overview:

- The focus of this IP11 is immersive and game audio skill sets.
- The entertainment sector continues to remain a vital element of South California's economy.
- This program addresses the need to update and expand current course content and offerings, and the growing trend in media production that requires employees

with experience in creating and packaging digital media for video presentations, gaming, and consumer consumption.

Core Indicator Alignment:

- Redesign and enhance curriculum reflects potential for students of Commercial Music to expand their knowledge in audio recording.
- This certificate allows for basic skills development and prepares students for transfer.
- Prepares students for employment in immersive audio.

Solutions:

- Revise and update curriculum to meet changing industry needs.
- Create real-world environments for students to practice with immersive audio.
- Provide students access to software dedicated to creating and delivering immersive audio content for various media platforms.
- Provide faculty with training and certifications so that they can deliver curriculum and administer certifications.

Submitted by: Andrew Maz

Amount Funded: \$50,000

Administration of Justice

Overview:

- The Administration of Justice Department has been a successful program at Cerritos College.
- Jobs for Police and Sheriff Patrol Officers are expected to increase by 5.0 percent, or 3,500 jobs between 2016 and 2026.
- The Administration of Justice Department will be addressing these two important and significant issues with the acquisition of equipment and funding of a project.

Core Indicator Alignment:

- The use of force simulator will provide realistic scenarios that will increase students' ability to recognize potential conflicts.
- Critical thinking skills will improve as students apply lessons learned from the lecture environment and apply these in a controlled environment.
- This newly acquired skill set will make our students very competitive for employment by criminal justice agencies and private industry firms as well.

Solutions:

- Prepare students for employment by increasing skill set through exposure to simulator scenarios.
- The goal is to increase outreach participation to local high schools.

Submitted by: Ruben Gomez

Amount Funded: \$50,000