

## Film

### Overview:

- With the completion of the new Fine Arts Building, the Film Department has had the opportunity to design a new Film Studio, complete with a sound stage.
- It is anticipated that increased program enrollment will necessitate even more concentration on developing those crucial skills students need in order to get jobs in the entertainment/film production industry.
- As self-employed individuals, those who wish to work in the entertainment/film production industry must also learn to build their own professional image in order to attract client and obtain contracted work.

### Core Indicator Alignment:

- Skills attainment in the Film Production Department is undertaken through the successful completion of student projects, grade point average, and the ability for students to transition from one course to another, therein increasing their skill sets.
- The entertainment industry is unique in that work-place learning opportunities, such as internships, and the body of projects-based work that form a student's portfolio often has more impact in the industry than a degree.
- Since Cerritos has provided an A.A. degree in Film there has been increased growth in the number of students who select film as their major.
- The Film students' IN PRODUCTION CLUB was formed to serve as the vehicle for outreach to the community and creating the potential for students to provide a service through producing Public Service Announcements, promotional video, and commercials.
- The Film Production program represents an opportunity to begin to level the playing field in terms of greater non-traditional participation in the industry.

### Solutions:

- The concepts that are vital in the entertainment/film production industry – including marketing and promotion, branding, and the ability to effectively communicate with others – are particularly essential ingredients in order for students to secure jobs.
- The proposal is presented specifically develop a plan of transitioning to the workforce, which is intended to provide a foundation for advanced film students that will make them more prepared for entering the job market.

Submitted By: Steven Hirohama

Amount Funded: \$67,500

## Auto Tech

### Overview:

- Transportation continues to be a major economic driver of the greater Los Angeles region, with the Cerritos Auto Square comprising one of the largest dealership sales sites in the nation.

- On the top of the list for needed improved technologies are equipment that is utilized by multiple courses, in multiple programs, and update training components for Ford ASSET, including a new alignment machine, wheel balancer, and transmissions.
- The AUTO-121 course, which entails 5 hours of lecture and 5 of lab, needs updated instructional aids/components that facilitates student mastery of rebuilding and comprehension of transmissions at employing dealerships.

#### Core Indicator Alignment:

- The increased technological sophistication of vehicles on the market, which rely on advanced computer-based systems, requires an ever higher level of technical competencies to be demonstrated by those who wish to enter the automotive workforce.
- This indicator will improve with new equipment and training components as students are able to learn on new technologies and stay motivated to complete their degrees/certificates.
- The technical workplace environment has been increasingly focused on short-term certifications over degree attainment.
- Students in Automotive Technology courses are required to take a combination of technical theory in conjunction with hands on application in a laboratory, and then a work-experience setting.
- As an open-access institution, Cerritos College does not discriminate in relation to race, gender, or economic status.

#### Solutions:

- The existing need for upgrade and expansion of training aids/ components currently being provided in the automotive mechanical repair programs will be crucial to retaining program viability.
- This IPII project will upgrade and enhance laboratory instruction in Automotive Mechanical Repair, providing our student the capability to develop skills currently needed in the highly competitive and technical automotive industry.

Submitted By: Frank Vega & David Roper

Amount Funded: \$67,500

#### Music

#### Overview:

- The Commercial Music program is a component of the larger Music program and specifically addresses the need to provide technical curriculum that responds to the rise in digital medial production, live sound production, networked audio, and audio-video integration that is utilized throughout the entertainment industry.
- Commercial music training includes the disciplines of set sound production, recording, mixing, electronic music, and audio system integration.
- The proposed project in Audio –Visual Technologies will significantly expand the current curriculum to provide for additional hands –on technical training.

- This project will provide for the development of a new 16-unit certificate to complement the existing stackable credentials in Commercial Music.

Core Indicator Alignment:

- The addition of a new course in Audio-Visual Technologies to the curriculum will introduce students to Audio-Visual techniques currently in place in venues, arenas, theaters, and conference facilities.
- The Certification of Achievement in Audio system Solutions is a one-year certificate tailored for individuals looking to obtain training and certifications specific to computer systems and audio networking.
- The development of multiple certifications and stackable credentials facilitates the need for students of the entertainment industry to build their career in stages.
- The Commercial Music Advisory Board will offer internship opportunities, with the expectation these will grow in line to the expansion in industry partners.
- Perkins guidelines defines this as the percent of CTE concentrators who have successfully completed a minimum of 12 units in related coursework leading to non-traditional occupations for their gender.

Solutions:

- This 16 unit certificate will offer technical infrastructure training for students seeking careers as audio-visual technicians.
- The goal is to provide students with the ability to operate in professional environments where adaptability is crucial.

Submitted By: Andrew Maz

Amount Funded: \$40,500

[A.J.](#)

Overview:

- The mission of the department is to prepare students for careers as sworn officers in law enforcement agencies, or as parole, probation, or correctional officers.
- A.J. courses supplement the curriculum of several other Cerritos College Programs, such as legal assisting, paralegals, court reporting, legal, secretaries, pre-law, and other related fields.

Core Indicator Alignment:

- Participation in the conference will increase faculty's knowledge of current research and this in turn will manifest itself in updating course outlines to provide the students with the latest research in criminal justice.
- Faculty will be better prepared to meet students' needs by providing them with the latest research and information available.
- Completion of A.J. courses may also complements other courses and contribute to better grades which has a direct effect on completion of the students' academic goals, whether they be certificate or degree programs.

- Completion of A.J. courses will result in the students having a better understanding of the criminal justice system which in turn gives them better employment opportunities as this knowledge will present itself during the employment opportunities as this knowledge will present itself during the employment interviewing process.
- Students who are not A/J/ majors may enroll in one or several courses in order to fulfill a social science requirement.

Solutions:

- The goal is to increase outreach participation to local high schools.

Submitted By: Ruben Gomez

Amount Funded: \$36,000

### Plastics

Overview:

- We propose to purchase new universal mold bases for the injection molding and for plastics casting, bringing the PMT program up the current local industry needs.
- In order to train plastics and composites manufacturing technicians, we need to have capabilities for students to develop their own designed molds and to install them in injection molding machines, test and troubleshoot them.

Core Indicator Alignment:

- The proposal will provide students with the skills employers want.
- Modelmaking and inspection traditionally includes a higher percentage of females, which are underrepresented in the plastics occupation, and we will create employment pathways that will attract females to the program.

Solutions:

- We will be purchasing injection molding bases for 3 different injection molding machines in a program to which students will be able to design and manufacture their own inserts.
- We will be purchasing the inspection equipment, such as optical comparator and AFM microscope to teach practical aspects of quality control.

Submitted By: Mickey Micic

Amount Funded: \$67,500

### Welding

Overview:

- The welding department is proposing the purchase of a Bend testing Machine for the Aerospace Testing Lab as well as the purchase of three welding machines to update the unreliable equipment in the Arc, Pipe, and Structural Fabrication Welding Laboratory/

Core Indicator Alignment:

- These machines will facilitated improved skill attainment by increasing student engagement through ease of use and increased speed in which the students can be trained to safely and properly operate these welding machines.
- Decreased time necessary to train students and increased overall productivity of the machines can reasonably increase student completion of welding projects, industry certification obtainment, satisfactory completion of welding courses and completion of Certificate and A.A. degree programs.
- Students that complete the laboratory projects and industry certifications in which these machines help facilitate will ultimately have success in the courses, leading to increased interest in the welding program.
- The machines will help students gain valuable experience using equipment that is common to the welding industry, developing technical welding skills.
- These new machines will prove to be quicker to learn on and less difficult to operate their predecessors.

Solutions:

- The goal is to update G.T.A.W. Inspection Laboratory by purchasing a Triangle Engineering Bend Tester and to update the Pipe Welding Laboratory equipment by purchasing Miller Welding equipment.

Submitted By: Jason Foral

Amount Funded: \$67,500