

Department Plan
Long Beach City College
Dept - Automotive Technology

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Mission: The mission of the Long Beach City College Automotive, Collision Repair and Diesel Technology programs is to educate and train students for employment as automotive or heavy duty technicians by offering a variety of options including career certificates leading to a two year A.S. degree applicable program that prepares students for various technical positions in the automotive and heavy duty industries.

Description: The Automotive Department comprises Automotive , Collision Repair, Heavy Duty/Diesel and Alternative Fuels technologies. Our Programs allow students to complete Career Certificates with an option of an AS Degree with transferrable options to 4 year institutions as described in the college catalog. The multi-cultural faculty is sensitive to the needs of the diverse student population in our region. Our student population represents the diverse ethnic population of Southern California. Utilizing the vast technical expertise of our faculty, students are provided with a broad technical foundation along with the necessary communication and interpersonal skills that will allow them to be immediately productive upon graduation. The program provides graduates, through a blend of theory and hands-on applications, with the skills and knowledge necessary to meet the needs of both local and national transportation industry.

Faculty & Staff : Don Sullivan; Professor, Diesel
Dale Carlson; Professor, Diesel
Michael Avila; Professor, Automotive
Gabor Vass; Professor, Automotive
Danny Tan; Professor, Automotive
Fred Lamm; Professor, Automotive on leave
Rodolfo Sanchez; Professor, Auto Body
John Louie; Professor, Auto Body
Cal Macy; Professor, Alternative Fuels
Pete Sparks; Professor, Alternative Fuels

Christy Meaker Vocational Instructional Technician- fulltime - Auto Mechanics
Fred Heldberg Instructional Equipment Technician - 50%/50% - Diesel/Electrical
Mara Phuorng Vocational Instructional Technician- fulltime - Auto Body
Demetre Dovalis Vocational Instructional Technician- fulltime - Alternative Fuels

Names & Titles of Program Don Sullivan

Review Participants: Michael Avila
Cal Macy
Pete Sparks
Gabor Vass
Danny Tan
Rodolfo Sanchez
Dale Carlson

2009-2010 ? Maintained classes required to maintain NATEF certification.

Accomplishments: ? Established the necessary steps to revitalize a automotive machining component as required to complete the certificate program
? Purchase the latest scan tools required by industry
? Purchased water born paint to comply with environmental regulations
? Partnership with the Long Beach port in relation to NGV training
? Training on new brake machining and wheel balancing equipment

Goal: NATEF Certification

To provide training that meets the requirements necessary to maintain our Certification as a NATEF certified educational institution which includes documentation, equipment and facilities.

Year: 2009 - 2010
2010 - 2011
2011 - 2012

Start Date: 08/14/2009

Goal Status: In Progress

Goal Priority: High

Rationale: Maintain nation wide certification so that students may apply for their Automotive of Service Excellence (ASE) certification.

Strategies: Certification: Keep abreast of NATEF requirements

Documentation: Maintain the proper documentation

Equipment: NATEF requirements of minimum equipment and standards.

Facilities: Safe and proper maintain facilities which are conducive to a clean learning environment.

Responsible Parties: whole department

Campus supported by this PCC

goal:

Specify if goal is for Department/ Program

department or sub-area:

Related Resources Needed

* Online computerized data retrieval system

Description: Mitchell on Demand and ALL Data as required elements that should be funded as regular line items and automatically renewed.

Inter-Level/ VP Level Group Pending

Decision:

Fiscal Year: 2010 - 2011

Duration: On-going

Estimated Cost: 3000.0000

Type of Resource 432000 - Supplies Instructional

Requested:

Justification for Resource This is because the tech manuals are no longer available in paper form and our students MUST have the ability

Request: to utilize this research tool.... all industry is that way from the manufacturers to publishers

Department Code: 094700 AutoBodyRep

Related Goals

Board of Trustees' Goals 2009 - 2011

* Measure and improve student success.

* Improve organizational function, create a greater sense of community, and continue community outreach efforts.

Educational Master Plan 2005 - 2010

* Learning

* Teamwork and Organizational Development

Superintendent-President Agenda 2009 - 2011

* Student Success

* Fiscal Infrastructure and Facilities

* Institutional Effectiveness

* Economic, Workforce Development, and Community Outreach

Goal: Offer a new AMECH 50A

Offer a new AMECH 50A class as required by the certificate. An automotive machining component is necessary to meet program requirements.

Year: 2010 - 2011

Start Date: 08/20/2010

Goal Status: In Progress

Goal Priority: High

Rationale: Machining component is required for the completion of program certificate

Strategies: Create curriculum for the course

Dedicate a shop floor area for the proper equipment

Acquire automotive machining equipment

Build a safety area around equipment

Responsible Parties: Don Sullivan, Gabor Vass, Danny Tan, Michael Avila

Campus supported by this PCC

goal:

Specify if goal is for Certificate of Accomplishment

department or sub-area:

Level of Support Needed: Department

Goal: Frame Alignment Machine

Update frame alignment machine to computerized measuring system as present industry standards.

Year: 2010 - 2011

Start Date: 11/15/2010

End Date: 05/02/2011

Goal Status: NEW for 2010-2011

Goal Priority: High

Rationale: Equipment is out of date. Original design for mid 1960 vehicles with body over frame. New vehicles require either new equipment or updating our old equipment

Strategies: Request Cap Outlay and /or VATEA funding

Responsible Parties: Don Sullivan, Rudy Sanchez

Campus supported by this PCC

goal:

Specify if goal is for Certificate of Accomplishment

department or sub-area:

Name of sub-area, if Frame Alignment

applicable:

Level of Support Needed: School or VP

Goal: Engine/transmission Dynamometer

Upgrade the Diesel Engine/transmission Dynamometer to present industry standards

Start Date: 11/08/2010

End Date: 05/13/2011

Goal Status: NEW for 2010-2011

Goal Priority: High

Rationale: Equipment is incomplete. Previous funding was inadequate to obtain all the required components.

Strategies: Request Cap Outlay/VTEA funding

Responsible Parties: Don Sullivan, Dale Carlson

Campus supported by this PCC

goal:

Specify if goal is for Area of Concentration

department or sub-area:

Level of Support Needed: School or VP

Goal: Diesel Engine analyzer

New scan tools/engine analyzers dedicated to all Diesel manufacturers are required to maintain program relevancy

Start Date: 11/15/2010

End Date: 05/13/2011

Goal Status: In Progress

Goal Priority: High

Rationale: In order to provide students with the knowledge required by industry, instruction on new Diesel Engine Analyzers equipment is indispensable.

Strategies: Request VTEA and Cap Outlay funding.

Responsible Parties: Don Sullivan, Dale Carlson

Campus supported by this PCC

goal:

Specify if goal is for Department/ Program

department or sub-area:

Level of Support Needed: School or VP