

PROGRAM APPROVAL APPLICATION
NEW or SUBSTANTIAL CHANGE or LOCALLY APPROVED
(This application may not exceed 3 pages)

Fill In Form

Automotive Maintenance and Light Repair
 Proposed Program Title

Fall 2016
 Projected Program Start Date

Citrus College / Pasadena City College
 College

Citrus/Pasadena
 District

Contact Information

Jim Lancaster (Citrus); Salomon Davila (PCC)
 Voting Member

Dean
 Title

Jim (626-852-6403) Salomon (626-585-7682)
 Phone Number

jlancaster@citruscollege.edu; sgdavila@pasadena.edu
 Email

Goal(s) of Program (Check all that apply):

X Career Technical Education (CTE) Transfer Other

Type of Program (Check all that apply):

Certificate of Achievement 12-17 (or 17-27 quarter) units Certificate of Achievement 18+ semester (or 27+ quarter) units
 Associate of Science Degree Associate of Arts Degree

Reason for Approval Request (Check One):

X New Program Substantial Change Locally Approved

Program Information

0948.00 Recommended [Taxonomy of Program \(TOP\) Code](#)

_____ Units for Major-Degree

_____ Total Units for Degree

23 Required Units-Certificate

Written Form

1. Insert the description of the program as it will appear in the catalog. (See PCAH pp. 142 and 170)

This certificate is intended for the incumbent worker, person seeking a career change, or person looking to start their career in the automotive service industry. This certificate is the culmination of the Maintenance and Light Repair (MLR) curriculum. This certificate acknowledges the workplace skills that will allow a technician to competently perform automotive maintenance and light repair. This Certificate prepares students for occupations such as Preventative Maintenance Technician, Lube Technician, A/C Service Technician, Brake and Front End Technician, Alignment Technician, General Service Technician and Technician Apprentice.

2. Provide a brief rationale for the program.

Citrus College and Pasadena City College, both with established Automotive Technology programs, have partnered under the CTE EF 40% to create a new certificate in Automotive Maintenance and Light Repair. The program was developed in conjunction with the Automotive Service Council, Ch. 5, and exceeds ASE General Service certification standards. Service sales data was analyzed from ASC shops to determine which maintenance, service, and light repairs make up the majority of the workload in a service center. Students who complete the program at Citrus, PCC, or a combination of the institutions will be ready to perform approximately 80-85% of the job tickets that come in for service.

For optimal buy-in and engagement from industry partners, the certificate and the courses that make up the certificate at each college (PCC/Citrus) have been aligned (descriptions, titles, units, course numbers, and proficiencies). Students will be able to transition from one college program to the other with ease should the need arise. Additionally, an articulation with one institution will be valid at the other for this program.

The joint Notice of Intent was filed with the LAOCRC June 2015.

3. Summarize the Labor Market Information (LMI) and employment outlook (including citation for the source of the data) for students exiting the program. (See PCAH pp. 85-88, 136, 147, 148, 165, 168, and 176)

The Los Angeles County regional demand for Automotive Service Technicians and Mechanics (SOC 49-3023) warrants this new certificate program being established at both PCC and Citrus College. Median wages are livable (\$14.82/hr) and the 2012-2022 projected job change is 2,139 jobs (10.7%). In 2013 there were 1,051 regional openings and 880 regional completions (CIP 47.0604) (completions include private trade schools, ROPs, Adult Ed centers, and Community Colleges). In 2014 there were 968 openings and 819 related completions indicating demand is not fully being met.

There were 3,682 total job postings for *Automotive Service Technicians and Mechanics* in October 2015, of which 458 were unique. These numbers give us a Posting Intensity of 8-to-1, meaning that for every 8 postings there is 1 unique job posting. This is higher than the Posting Intensity for all other occupations and companies in Los Angeles County (6-to-1), indicating that companies may be trying harder to hire this occupation.

In summary, the 10.7 percent projected job growth, annual gap between regional openings and completions, and the posting intensity demonstrate the need for PCC and Citrus College to add this certificate to their program options.

Source: EMSI 2015 (third quarter, class of worker)

4. List similar programs at other colleges in the Los Angeles and Orange County Region which may be adversely impacted. (There is space for 10 listings, if you need more, please contact laocrc@sccollege.edu)

College	Program	Who You Contacted	Outcome of Contact
LA Pierce	Automotive Tech (0948.00)	Jose Luis Fernandez	Email *
ELAC	"	Christopher Whiteside	Email *
LATTC	"	Marcia Wilson	Questions Re: PCC NATEF
El Camino	"	Virginia Rapp	Emailed -Supports
Rio Hondo	"	Bruce Noble	Email *
Cerritos	"	Nick Real	Email *
LBCC	"	Michelle Hillman	Email *
Fullerton	"	Ken Starkman	Email *
Santa Ana	"	Bart Hoffman	Email *
Cypress	"	Steve Donley	Emailed-Supportive
Saddleback	"	Anthony Teng	Email *
Golden West	"	David Gatewood	Email *

* email sent to voting members on November 30th. A no response assumed to mean support for program and/or no questions

5. List all courses required for program completion, including core requirements, restricted electives and prerequisites. (There is space for 20 listings, if you need more, please contact laocrc@sccollege.edu).
 (See PCAH pp. 143 and 171)

PROGRAM OF STUDY		
<u>Degree\Certificate Title:</u> Automotive Maintenance and Light Repair		
<u>Award Type:</u> Certificate of Achievement		
This certificate is intended for the incumbent worker, person seeking a career change, or person looking to start their career in the automotive service industry. This certificate is the culmination of the Maintenance and Light Repair (MLR) curriculum. This certificate acknowledges the workplace skills that will allow a technician to competently perform automotive maintenance and light repair. This Certificate prepares students for occupations such as Preventative Maintenance Technician, Lube Technician, A/C Service Technician, Brake and Front End Technician, Alignment Technician, General Service Technician and Technician Apprentice.		
All students must complete the following course:		Units
AUTO140A	Vehicle Maintenance	4
Complete the following courses from the Maintenance and Light Repair: Undercar Skill Award		Units
AUTO144	Automotive Chassis MLR	4
AUTO145	Automotive Brakes Maintenance and Light Repair	3
Complete the following courses from the Maintenance and Light Repair: Underhood Skill Award		Units
AUTO141	Engine Mechanical Maintenance and Light Repair	2
AUTO146	Automotive Electrical Systems	4
AUTO147	Automotive Heating, Ventilation and Air Conditioning MLR	2
AUTO148	Engine Performance Maintenance and Light Repair	4
Total Units		23

6. Include any other information you would like to share.