

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

Fill In Form

Automotive T-TEN Engine and Driveline Specialist

Certificate

Fall 2017

Proposed Program Title

Projected Program Start Date

Cypress College
 College

North Orange County Community College District
 District

Contact Information

Dr. Steve Donley
 Voting Member

Dean, Career Technical Education & Econ. Dev.
 Title

(714) 484-7233
 Phone Number

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 Email

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

- 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):

- New Program Substantial Change Locally Approved

Program Information

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

_____ Units for Major-Degree

_____ Total Units for Degree

17 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 program is designed to prepare students for employment as a T-TEN engine and drivetrain specialist. Training is given in theory and practical skills. Directed practical work is given in areas of automotive maintenance and repair under simulated on-the-job conditions. Particular emphasis is placed on those competencies required of engine and power train technicians. The program will provide the student the opportunity to acquire the knowledge and skills demanded of the modern automotive engine and power train specialist. To earn a certificate, complete the required courses as listed with a minimum grade of "C". 100% of all course work must be completed at Cypress College.

2. Provide a brief rationale for the program.

The Cypress College **Automotive T-TEN Engine and Driveline Specialist Certificate** provides students with a career path for attaining the foundational skills, practical knowledge and hands-on technical training necessary to successfully maintain, diagnose and repair Toyota and Lexus engine and driveline components and systems. The course content covered in this certificate includes that necessary for completion of the T-TEN training requirements.

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 stated goals and objectives for this Certificate will fulfill the college’s mission and curriculum offerings. The origins of this program go back to 1988 when we first offered the T-TEN program. The median salary of a dealer technician is \$37,850 for all technicians by the Bureau of Labor Statistics. T-TEN graduates are currently in very high demand, with more openings in the Orange and Los Angeles counties than Cypress can provide graduates. Southern California dealer technicians earn much more than the BLS median after 2 years on the job. Annual job openings are estimated at 798 per year in Los Angeles and Orange counties, with Cypress T-TEN graduates finding employment at dealers in both counties. Source: Employment Development Department, Job Outlook for California Community College Educational Programs, <http://www.calmis.ca.gov>

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@rscdd.edu)

College	Program	Who You Contacted	Outcome of Contact
Cerritos College	Automotive Tech	Dr. Nick Real, yreal@cerritos.edu	
Citrus College	Automotive Tech	Dr. Jim Lancaster, jlancaster@citruscollege.edu	
East LA College	Automotive Tech	Alex Davis, davisaa@lacitycollege.edu	
El Camino College	Automotive Tech	Virginia Rapp, vrapp@elcamino.edu	
Fullerton College	Automotive Tech	Doug Benoit, dbenoit@fullcoll.edu	Supports
Golden West Coll	Automotive Tech	Chris Whiteside, cwhiteside4@gwc.cccd.edu	Supports
LA Pierce College	Automotive Tech	Jose Luis Fernandez, fernanyl@piercollege.edu	
LA Trade Tech	Automotive Tech	Marcia Wilson, wilsonmr@lattc.edu	
Long Beach CC	Adv Transp Tech	Michelle Grimes-Hillman, mhillman@lbcc.edu	
Pasadena City	Automotive Tech	Salomon Davila, sgdavila@pasadena.edu	Supports
Rio Hondo	Automotive Tech	Bruce Noble, Bruce.noble@riohondo.edu	Supports
Saddleback	Automotive Tech	Tong Teng, ateng@saddleback.edu	Supports
Santa Ana Coll	Automotive Tech	Bart Hoffman, Hoffman_Bart@sac.edu	Supports
Santa Monica	Automotive Tech	Patricia Ramos, Ramos_patricia@smc.edu	

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@rscdd.edu). (See PCAH pp. 143 and 171)

Course Number	Course Title	Units
AT 109 C	Introduction to Toyota Automotive Technology	4
AT 121 C	Auto Engine Mechanical Concepts	6
AT 141 C	T-TEN Drivetrain and Transmissions	6
AT 209 C	Toyota Portfolio II TPORT (II)	1

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

This program is being offered to align with the Toyota instructional requirements.