

AUTOMOTIVE DEPARTMENT

# PROGRAM REVIEW 12-13

For the Period of Fall 2010 through Spring 2012

PALO VERDE COLLEGE  
ONE COLLEGE WAY  
BLYTHE, CA 92225

# EXECUTIVE SUMMARY

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## Automotive

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The Program Review Committee met and reviewed Automotive's two-year update on March 12, 2013.

We have accepted the report, with the following findings:

- Purpose of this Program: No changes in the last two years
- Demand for this Program: Adequate demands for our students
- Quality of this Program: Meets student needs
- External Issues: Benefits from and contributes to external issues
- Cost of the Program: Income covers expenditures
- Two-Year Plan: On track for next two years

## PART 1 PURPOSE OF THIS PROGRAM

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The purpose of the Automotive Technology Program is to provide students with the necessary skills to work in an ever-expanding field. To this end, the Automotive Technology Program provides students with basic, entry-level skills, professional development opportunities for working technicians, and certification and degree options.

Associate of Science (Occupational) Automotive:

The Associate of Science in Automotive Technology is a two-year course of study designed to prepare students intending either to continue study at a technical school, or to enter the workforce.

Certificate in Automotive Technology:

The certificate in Automotive Technology is an 18 unit course of study designed to prepare students with the theory and practical skills necessary for entry-level employment as automotive technicians. Students will learn the operation, maintenance, and repair of all types of vehicles.

Certificate in Automotive Fabrication:

The certificate in Automotive Fabrication is a 16 unit course of study designed to prepare students with the theory and practical skills necessary to build and race stock cars at our local I-10 Speedway.

In addition to the desirability of the degree and certificate programs, individual AUT courses provide students with practical skills.

## PART 2 DEMAND FOR THIS PROGRAM

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### **Projections of Employment by Occupation, 2010-2020**

**Occupations Matched to Top Code(s):**

094800 *Automotive Technology*

**Geography:** Riverside-San Bernardino-Ontario MSA

**Counties:** Riverside County, San Bernardino County

SOC Code	Occupation Title (Link to Occupation Profile)	2010-2020	Annual Job Openings <sup>1</sup>
493023	<a href="#">Automotive Service Technicians and Mechanics</a>	7,460	277
499098	<a href="#">Helpers, Installation and Repair Workers</a>	1,140	61
492096	<a href="#">Electronic Equipment Installers and Repairers, Motor Vehicles</a>	260	7
	<b>Total</b>	<b>8,860</b>	<b>345</b>

Table Generated on 2/6/2013

<sup>1</sup>Total Job Openings are the sum of new jobs from growth plus net replacements. Annual job openings are total job openings divided by the number of years in the projection period.

## PART 3 QUALITY OF THIS PROGRAM

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COMPLETIONS 2010-2011		
Certificate/Degree	Title	Completed
Certificate	Automotive Fabrication	1
Certificate	Automotive Technology	5

COMPLETIONS 2011-2012		
Certificate/Degree	Title	Completed
Certificate	Automotive Fabrication	2
Certificate	Automotive Technology	7

## PART 4 EXTERNAL ISSUES

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The automotive program faculty and staff continue to work with the local unified school district to facilitate the needs of the secondary students.

## PART 5 COST OF THIS PROGRAM

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<b>FALL 2010</b>			
<b>Course Code</b>	<b>Course Title</b>	<b>Credit</b>	<b>Enrollment</b>
AUT 090 01	Automotive Fabrication & Setup	2	16
AUT 100 01	Introduction to Automotive Technology	3	19
AUT 100 02	Introduction to Automotive Technology	3	11
AUT 101 01	Basic Technician Skills	3	19
AUT 101 02	Basic Technician Skills	3	10
AUT 110 01	Brake Systems	3	25
AUT 111 01	Automotive Electrical Systems	3	23
<b>SPRING 2011</b>			
<b>Course Code</b>	<b>Course Title</b>	<b>Credit</b>	<b>Enrollment</b>
AUT 090 01	Automotive Fabrication & Set-up	2	13
AUT 102 01	Engine Analysis/Tune-up	3	26
AUT 103 01	Suspension, Steering & Alignment	3	23
AUT 200 01	Engine Diagnosis/Overhaul	6	18
AUT 200 02	Engine Diagnosis/Overhaul	6	15
<b>FALL 2011</b>			
<b>Course Code</b>	<b>Course Title</b>	<b>Credit</b>	<b>Enrollment</b>
AUT 090 01	Automotive Fabrication & Set-up	2	20
AUT 100 01	Introduction to Automotive Technology	3	20
AUT 101 01	Basic Technician Skills	3	24
AUT 110 01	Brake Systems	3	20
AUT 111 01	Automotive Electrical Systems	3	23
AUT 212 01	Automotive AC	3	14
<b>SPRING 2012</b>			
<b>Course Code</b>	<b>Course Title</b>	<b>Credit</b>	<b>Enrollment</b>
AUT 090 01	Automotive Fabrication & Set-up	2	11
AUT 102 01	Engine Analysis/Tune-up	3	25
AUT 103 01	Suspension, Steering & Alignment	3	24
AUT 113 01	Standard and Automatic Power Trains	3	11
AUT 200 01	Engine Diagnosis/Overhaul	6	16

2010-2011	Salaries	Benefits	Supplies	Contracts	Capital	Total	FTEs
AUT	\$96,398.70	\$26,101.79	\$5,141.05	\$	\$ -	\$129,592.12	36.33
VEA		\$ -	\$208.00				
LOT			\$1,742.58				\$167,118
2011-2012	Salaries	Benefits	Supplies	Contracts	Capital	Total	FTEs
AUT	\$97,047.00	\$30,103.14	\$4,160.00	\$	\$3,088.19	\$149,860.25	34.66
VEA			\$6,769.74		.		
LOT			\$8,692.18				\$159,436

## PART 6 TWO-YEAR PLAN

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The Automotive program is continuing to collect data and amass information to build a state of the art Automotive Technology program. We are refining course outlines and examining current trends to update our certificate and degree program. All courses have had their student learning outcomes updated and assessment during the current year.

Automotive correspondence courses will be developed and offered by Fall 2013.