

AUTOMOTIVE DEPARTMENT

PROGRAM REVIEW 09-10

ONE COLLEGE WAY
BLYTHE, CA 92225

Board Approved 1/25/11

EXECUTIVE SUMMARY

AUTOMOTIVE

The committee encourages the automotive program to continue its efforts in fulfilling the goals of its 2-year plan, as noted in section 6 of this report.

PART 1: PURPOSE OF THIS PROGRAM

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

Projections of Employment by Occupation, 2006 - 2016

Occupations Matched to Top Code(s):

094800 *Automotive Technology*

Geography: Riverside-San Bernardino-Ontario MSA

Counties: Riverside County, San Bernardino County

Annual Job Openings by Occupation

SOC Code	Occupation Title (Link to Occupation Profile)	2006 Employment	Annual Job Openings¹
493023	Automotive Service Technicians and Mechanics	9,830	332
492093	Electrical and Electronics Installers and Repairers, Transportation Equip	280	8
492096	Electronic Equipment Installers and Repairers, Motor Vehicles	310	14
	Total	10,420	354

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¹Total 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

COMPLETIONS 2008-2009		
Certificate/Degree	Title	Completed
Certificate	Automotive Fabrication	2
Certificate	Automotive Technology	4

COMPLETIONS 2009-2010		
Certificate/Degree	Title	Completed
Certificate	Automotive Fabrication	3
Certificate	Automotive Technology	8

PART 4: EXTERNAL ISSUES

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

SUMMER 2008-2009			
Course Code	Course Title	Credit	Enrollment
AUT 212 01	Automotive Air Conditioning	3	13
SPRING 2008-2009			
Course Code	Course Title	Credit	Enrollment
AUT 090 01	Automotive Fabrication & Set-up	2	12
AUT 102 01	Engine Analysis/Tune-up	3	21
AUT 103 01	Suspension, Steering & Alignment	3	18
AUT 110 01	Brake Systems	3	7
AUT 200 01	Engine Diagnosis/Overhaul	6	17
FALL 2008-2009			
Course Code	Course Title	Credit	Enrollment
AUT 090 01	Automotive Fabrication & Set-up	2	15
AUT 100 01	Introduction to Automotive Technology	3	20
AUT 101 01	Basic Technician Skills	3	23
AUT 110 01	Brake Systems	3	21
AUT 111 01	Automotive Electrical Systems	3	19
SUMMER 2009-2010			
Course Code	Course Title	Credit	Enrollment
SPRING 2009-2010			
Course Code	Course Title	Credit	Enrollment
AUT 090 01	Automotive Fabrication & Set-up	2	19
AUT 101 01	Basic Technician Skills	3	12
AUT 102 01	Engine Analysis/Tune-up	3	18
AUT 103 01	Suspension, Steering & Alignment	3	15
AUT 200 01	Engine Diagnosis/Overhaul	6	21
FALL 2009-2010			
Course Code	Course Title	Credit	Enrollment
AUT 090 01	Automotive Fabrication & Set-up	2	16

AUT 100 01	Introduction to Automotive Technology	3	19
AUT 101 01	Basic Technician Skills	3	22
AUT 101 CX	Basic Technician Skills	3	1
AUT 103 01	Suspension, Steering & Alignment	3	14
AUT 110 01	Brake Systems	3	24
AUT 111 01	Automotive Electrical Systems	3	24
AUT 111 02	Automotive Electrical Systems	3	14

2008-2009	Salaries	Benefits	Supplies	Contracts	Capital	Total	FTEs
AUT 12	\$84,785.51 \$ -	\$23,647.41 \$ -	\$10,901.18 \$16,940.79	\$554.58 \$1,000	\$ - \$4,340.06	\$119,888.68 \$22,280.85	35 \$161,000
2009-2010	Salaries	Benefits	Supplies	Contracts	Capital	Total	FTEs
AUT 12	\$100,707 \$ -	\$25,490.04 \$ -	\$12,248.29 \$14,849.63	\$40.00	\$ -	\$176,263.66 \$14,849.63	41 \$188,600

PART 6: TWO-YEAR PLAN

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.

Although the Automotive Technology programs will still need to rely on students from Palo Verde High School to fill their classes to capacity, enrollment trends over the past year have grown from college students versus high school students. The classroom setting has enabled us to provide an organized and safe environment, which has created a larger enrollment. Due to our classes being over capacity, a teachers-aid has helped the faculty in keeping a safe work environment.

In the future if enrollment continues to increase a second full time instructor will be needed.

In the next two years program faculty hope to design a engine clean room and look to secure funding for the construction.