

MAKE THE CAREER CONNECTION

for

ADVANCED AUTOMOTIVE

**YOUR ROP TRAINING
LEADS TO JOBS as....**

Entry Level
(High School Diploma/ROP Training)

Automotive Mechanic

Technical Level
(Community College Degree)

*Students will qualify for advanced placement
at Chaffey College and Citrus College*

Shop Supervisor
Service Manager
Automotive Repair Service Estimators
Independent Shop Owner

Students will benefit by having knowledge
of computer science, ability to read technical
manuals, math and language skills

WHAT IS ROP?

The Baldy View Regional Occupational Program is a cooperative vocational education effort between the Chaffey Joint Union High School District, Chino Valley Unified School District, Claremont Unified School District, and Upland Unified School District. ROP's purpose is to provide a wide variety of career preparation at the entry and technical levels to meet the needs of high school students and adults.

***Prepare for YOUR future NOW
by enrolling in ROP TODAY!***

ENROLLMENT INFORMATION

High school students should contact the Career Technician at their high school.

Adults should call Baldy View R.O.P. office for specific enrollment dates and available classes.

(909) 624-0063
bvrop.K12.ca.us

Enrollment priority:

- ❖ High School Students: seniors, juniors, sophomores, 16 yrs. of age and older.
- ❖ Adults living within our geographical service area.
- ❖ Adults living outside our geographical service area

Baldy View ROP is an equal opportunity employer and asserts that it does not discriminate on the basis of race, color, creed, national origin, ancestry, religion, sex, age, or handicap in its employment or enrollment in job training programs

ADVANCED AUTOMOTIVE



A career preparation program designed to provide related instruction and practical experience.



WHAT DOES THE PROGRAM PREPARE ME TO DO?

This course is designed to prepare students to enter the job market with automotive skills in lubrications, engine tune up, brakes, tires, auto cooling, electrical, fuel and exhaust systems. Learning areas also include operation of special electronic testing equipment.

THE JOB

Automotive mechanics, often called *Automotive Service Technicians*, repair and service automobiles, light trucks, vans, and pickups with gasoline engines. The ability to diagnose the source of the problem quickly and accurately, one of the mechanic's most valuable skills, requires good reasoning ability and a thorough knowledge of automobiles. The mechanic may have to test drive the vehicle or use a variety of testing equipment, such as engine analyzers, volt meter, or compression gauges to locate the problem. Once the cause of the problem is found, mechanics make adjustments or repairs. During routine service, mechanics inspect, lubricate, and adjust engines and other components, repairing or replacing parts before they cause breakdowns.

Mechanics use a variety of tools in their work. They use power tools such as pneumatic wrenches, machine tools such as brake lathes and grinding machines, welding and flame-cutting equipment, jacks and hoists, and a growing variety of electronic service equipment such as infrared engine analyzers and

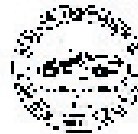
ROP TEACHERS

ROP teachers know the job market, have business and industry experience within the field they teach and are credentialed. **LEARN FROM THE BEST WITH ROP TEACHERS.**

STUDENT OUTCOMES

Upon successful completion of an ROP course, each student will:

- ❖ Demonstrate occupational specific, communication and critical thinking skills
- ❖ Demonstrate responsible work ethics
- ❖ Demonstrate career/employment literacy
- ❖ Demonstrate effective use of technology



EMPLOYMENT AND TRAINING

The majority of the 736,000 automobile mechanics work for retail and wholesale automotive dealers, independent automotive repair shops, and gasoline service stations. Others are employed at automotive service facilities at department, automotive, and home supply stores, or maintain the fleets of taxicabs and automobile leasing companies. Motor vehicle manufacturers employ mechanics to test, adjust, and repair cars at the end of assembly lines. Over 20% of automotive mechanics are self-employed.

Certification by ASE is widely recognized as a standard of achievement for automotive mechanics. Mechanics are certified in one or more of eight different service areas, such as electrical systems, engine repair, brake systems, suspension and steering, heating and air conditioning. *Master Automotive Mechanics* are certified in all eight areas. For certification in each area, mechanics must have at least 2 years of experience and pass a written examination; completion of an automotive mechanic program in high school, vocational school, or community college may be substituted for 1 year experience.

SPECIAL CONSIDERATIONS

- ❖ Minimum age - 16 years old or 11th grade
- ❖ Interest in the automotive field
- ❖ Ability to work independently
- ❖ Ability to understand and carry out instructions
- ❖ Ability to reason and work through a problem
- ❖ Ability to carry out sequences of activities
- ❖ Attention to detail and accuracy
- ❖ Ability to read and write in English and recall information
- ❖ Good manual dexterity and motor coordination
- ❖ Dress requirement: closed shoes, no jewelry, conform to dress standards and conduct regulations of the class

COURSE LENGTH

One semester course

ROP CERTIFICATE OF TRAINING

An ROP certificate of completion, including competencies, is awarded to students who complete the course.

HIGH SCHOOL CREDITS

Upon successful completion of the class, credits earned in ROP are forwarded to each student's high school. These credits may be applied toward fulfillment of the requirements for a high school diploma.