

Enroll in Automotive Technology Today

Several TUSD high schools offer Automotive Technology programs.

Talk with your counselor and CTE teacher to determine what high school courses you need to take. You may earn Pima Community College credits for these courses as well.



Find more information about Automotive Technology programs at:

<http://pima.edu>
<http://uofa.edu>
<http://asu.edu>
<http://nau.edu>



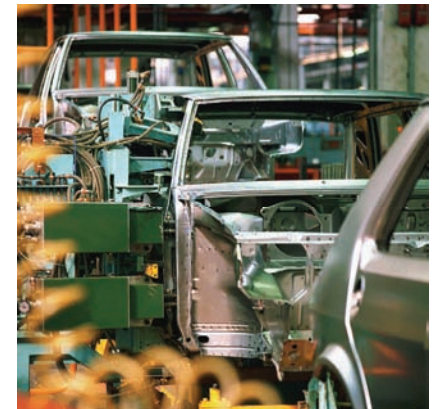
Career and Technical Education

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Tucson Unified
School District

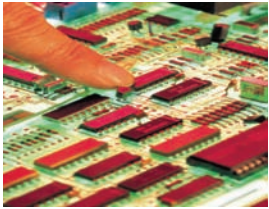
Automotive Technology (Auto Mechanics)



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TUSD'S Automotive Technology Program



There are more computers in today's average car than there were in the first space shuttle.

Automotive Technology provides a thorough understanding of the design, construction and operation of automotive systems. Students will have practical hands-on experience in the proper use of tools and equipment and automotive maintenance and repair procedures related to mechanical, electrical and hydraulic systems. Projects and activities include gaining job acquisition skills, applying academic concepts to problem solving, using the computer and analyzing career choices.

Advanced students gain additional skills and reach higher levels of competence with emphasis on automotive diagnostic service, systematic testing and adjustments, major repairs and engine rebuilding. Students can focus on two or more areas of specialty including braking systems, electrical/electronic systems, engine performance and/or steering and suspension.

TUSD's Automotive Technology programs are in various stages of obtaining NATEF (National Automotive Technicians Education Foundation) certification. NATEF, an affiliate of the National Institute for Automotive Service Excellence (ASE), certifies automobile service technician training programs offered by high schools and community colleges. NATEF certification signifies that the program meets uniform standards for instructional facilities, equipment, staff credentials and curriculum. Students who complete Automotive Technology earn articulated Pima Community College credit.

Automotive Technology's Student Organization

SkillsUSA is a national organization serving high school students enrolled in training programs in technical, skilled and service occupations. The organization prepares America's high performance workers by providing quality education experiences for students in leadership, teamwork, citizenship and character development. It builds and reinforces self-confidence, work attitudes and communication skills. It also emphasizes total quality at work, high ethical standards, superior work skills, life-long education and pride in the dignity of work. SkillsUSA also promotes understanding of the free enterprise system and involvement in community service activities. Programs include



Official SkillsUSA logo

local, state and national competitions in which students demonstrate occupational and leadership skills. SkillsUSA programs

also help to establish industry standards for job skill training in the classroom.

Visit the national SkillsUSA website at www.skillsusa.org and/or the Arizona SkillsUSA website at www.azskillsusa.org.

Career Opportunities in Automotive Technology

Job opportunities in Automotive Technology are excellent for individuals who are looking for the satisfaction of highly skilled work with vehicles incorporating the latest in technology.

- Automotive Mechanic
- Brake System Specialist
- Engine Repair/Performance Specialist
- Automatic Transmission Specialist
- Manual Transmission Specialist
- Air Conditioning and Heating Specialist
- Electrical Specialist
- Diesel Mechanic
- Service Technician
- Automotive Repair Service Estimator
- Painting and Coating Machine Operator
- Automotive Body Repairer
- Customizer
- Repair Service Estimators
- Motorcycle, Boat and Small-engine Mechanic
- Cleaners of Vehicles and Equipment
- Material Mover
- Truck Driver



Career and Technical Education

Source: *Occupational Outlook Handbook*, ONET, <http://stats.bls.gov/oco/home.htm>, Bureau of Labor Statistics, U.S. Department of Labor.