

# AUTOMOTIVE TECHNOLOGY (AUTO)

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## **AUTO 0028. Independent Study**

*Units: 1-3*

Designed for students interested in furthering their knowledge at an independent study level where no specific curriculum offering is currently available. Independent study might include, but is not limited to, research papers, special subject area projects, and research projects. See Independent Study page in catalog. (CSU)

## **AUTO 0095. Internship in Automotive Technology**

*Units: 0.5-4*

Designed for advanced students to work in an area related to their educational or occupational goal. Provides new on-the-job technical training under the direction of a worksite supervisor, allowing students to expand knowledge and skills in the chosen field. Mandatory orientation session and faculty approval to determine eligibility. One unit of credit is equal to each 60 hours of non-paid work, or each 75 hours of paid work. Students may earn up to a total of 16 units in internship courses (any course numbered 95 and PDEV 94). (CSU-with unit limitation)

## **AUTO 0100. Basic Automotive Services and Repair**

*Units: 4*

Hours: 108 (54 lecture, 54 laboratory)

Presents introductory automotive technical skills used by entry-level service technicians. Course content includes vehicle operation, tool usage, practical measuring skills, fasteners, electrical meter usage, common automotive services and problem solving techniques. Class projects are performed in an automotive shop environment to provide a hands-on experience with common industry tools and equipment. Emphasis is placed on basic shop service operations which meet Automotive Service Excellence (ASE) maintenance and light repair standards. This course will help the student prepare for the ASE G1 service exam. (not transferable)

## **AUTO 0140. Automotive Skill Development**

*Units: 3*

Prerequisite: Completion of AUTO 100 with grade of "C" or better

Hours: 110 (26 lecture, 84 laboratory)

Covers basic automotive component diagnosis, service and repair for major vehicle systems including: brakes, suspension, heating, air conditioning, electrical, engines and transmissions. Shop activities are designed to further develop skill, speed, and experience capabilities of automotive majors to meet industry diagnostic and repair performance expectations. Emphasis is placed on shop service operations which meet Automotive Service Excellence (ASE) maintenance and light repair standards. This course will help students prepare for the ASE G1 service exam. (not transferable)

## **AUTO 0800. Basic Automotive Services and Repair**

*Units: 0*

Hours: 108 (54 lecture, 54 laboratory)

Presents introductory automotive technical skills used by entry-level service technicians. Course content includes vehicle operation, tool usage, practical measuring skills, fasteners, electrical meter usage, common automotive services and problem solving techniques. Class projects are performed in an automotive shop environment to provide a hands-on experience with common industry tools and equipment. Emphasis is placed on basic shop service operations which meet Automotive Service Excellence (ASE) maintenance and light repair standards. This course will help the student prepare for the ASE G1 service exam. (pass/no pass grading) (noncredit)

## **AUTO 0840. Automotive Skill Development**

*Units: 0*

Prerequisite: Completion of AUTO 100 with grade of "C" or better or AUTO 800 with grade of "Pass"

Hours: 110 (26 lecture, 84 laboratory)

Covers basic automotive component diagnosis, service and repair for major vehicle systems including: brakes, suspension, heating, air conditioning, electrical, engines and transmissions. Shop activities are designed to further develop skill, speed, and experience capabilities of automotive majors to meet industry diagnostic and repair performance expectations. Emphasis is placed on shop service operations which meet Automotive Service Excellence (ASE) maintenance and light repair standards. This course will help students prepare for the ASE G1 service exam. (pass/no pass grading) (noncredit)