



The Automotive Technology curriculum is designed to provide students with the skills and knowledge necessary to succeed as technicians in the automotive service industry. The Automotive Technology program at Chaffey College is certified by the National Automotive Technician Education Foundation (NATEF). Students who successfully complete the requirements for the Master Automotive Technician Associate of Science Degree or Certificate will be qualified to take the examinations required for certification as an Automotive Master Technician and will receive credit for one year of related work experience towards certification.

Major Requirements for the Master Automotive Technician Associate in Science Degree: (S055)

Table with 5 columns: COURSE, DESCRIPTION, GRADE, IP, NEED, UNITS. Rows include AUTOTEC 10, 15, 28, 417, 418, 419, 422, 423, 425, 426A, 426B, 427.

Student Name: \_\_\_\_\_

ID #: \_\_\_\_\_

Date: \_\_\_\_\_

Counselor: \_\_\_\_\_

COUNSELOR NOTES: [Empty table for notes]

Requirements for the Master Automotive Technician Certificate: (T055)

Same as the major requirements for the A.S. Degree.

The Automotive Electrical Systems Certificate prepares the student for employment as an automotive electrical systems specialist. Students with the certificate are qualified to take Automotive Service Excellence (ASE) examination for certification in Electricity/Electronics and Air Conditioning.

Requirements for the Automotive Electrical Systems Certificate: (L445)

Table with 5 columns: COURSE, DESCRIPTION, GRADE, IP, NEED, UNITS. Rows include AUTOTEC 10, 15, 28, 426A, 426B.

In addition to completion of the MAJOR, there are other requirements for the degree, refer to the Chaffey College Graduation Requirement Sheet or see a counselor in the Counseling Center. All courses required for a certificate must be completed with a minimum grade of C.



# AUTOMOTIVE TECHNOLOGY

The Engine Performance Certificate provides the training required by the California Smog Check program and qualifies the student to take the Smog Check Technician license examination.

**Requirements for the Engine Performance (Smog Check)**

**Technician Certificate: (L448)**

		G	I	N	U
AUTOTEC 10	Service and Repair				4
AUTOTEC 15	Automotive Electricity and Electronics				2
AUTOTEC 28	Automotive Electrical Systems (or AUTOTEC 28A, Automotive Electrical Systems-A, 2.5 and AUTOTEC 28B, Automotive Electrical Systems-B, 2.5)				5
AUTOTEC 422	Fuel, Ignition, and Emission Control Systems				5
AUTOTEC 423	Engine Management Systems and Drivability				4
AUTOTEC 443	Clean Air Emission Control (or AUTOTEC 443A, Basic Clean Air Emission Control, 2 and AUTOTEC 443B, Advanced Clean Air Emission Control, 2)				4

The General Automotive Service Technician Certificate prepares students for entry level employment as automotive service and repair technicians. Basic automotive maintenance and service operations are stressed to allow students to be immediately productive on the job. Safety and environmental protection are also stressed. Consumer protection and professional ethics are covered in depth.

**Requirements for the General Automotive Service**

**Technician Certificate: (L446)**

		G	I	N	U
AUTOTEC 450	General Automotive Technician A				12
AUTOTEC 455	General Automotive Technician B				12

The High Performance Engines Building and Blueprinting Certificate signifies that the student had developed skills in advanced engine machining and modification for improved performance. Students build on the skills developed in engine rebuilding courses to learn how to build and blueprint engines that exceed the manufacturer's original horsepower and torque ratings.

**Requirements for the High Performance Engines**

**Certificate: (E110)**

*\*Certificates of Career Preparation*

		G	I	N	U
AUTOTEC 430	Engine Rebuilding-Upper Engine				5
AUTOTEC 431	Engine Rebuilding-Lower Engine				5
AUTOTEC 435	High Performance Engine Building and Blueprinting (or AUTOTEC 435A, High Performance Engine Blueprinting – Cylinder Heads, 2.5 and AUTOTEC 435B, High Performance Engine Rebuilding and Blueprinting – Cylinder Block, 2.5)				5

The Engine Rebuilding Certificate prepares students for employment as an automotive machinist.

**Requirements for the Engine Rebuilding Certificate: (L449)**

*\*Certificates of Career Preparation*

		G	I	N	U
AUTOTEC 430	Engine Rebuilding-Upper Engine				5
AUTOTEC 431	Engine Rebuilding-Lower Engine				5

\*Certificates of Career Preparation do not appear on the transcript.

In addition to completion of the MAJOR, there are other requirements for the degree, refer to the Chaffey College Graduation Requirement Sheet or see a counselor in the Counseling Center. All courses required for a certificate must be completed with a minimum grade of C.