Automotive Technology, A.A.S.—60 Hrs

YEAR 1

SEMESTER I
AUMT 1305-Intro to Automotive Technology
AUMT 1307-Electrical Systems
AUMT 1410-Automotive Brakes
MATH 1332-Contemporary Mathematics (Quantitative Reasoning)

SEMESTER II
AUMT 1419-Engine Repair
AUMT 1316-Suspension & Steering
AUMT 2421-Automotive Electrical Diagnosis & Repair
ENGL 1301-Composition I OR Select 1 course from the AAS Communication (10) Core
SEMESTER III (Summer Session)
AUMT 1266-Practicum I OR AUMT 2288-Internship I
PHYS 1305-Intro to Physics I Lecture OR Select 1 course from the Life & Physical Sciences (30) Core

YEAR 2

SEMESTER IV
AUMT 1345-Automotive Climate Control Systems
AUMT 2313-Manual Drive Train & Axle
AUMT 2317-Engine Performance Analysis I
Select 1 course from the Language, Philosophy & Culture (40) Core OR Creative Arts (50) Core

SEMESTER V
AUMT 2434-Engine Performance Analysis II
AUMT 2337-Automotive Electronics
AUMT 2425-Automotive Trans & Axle
AUMT 2266-Practicum II OR AUMT 2289-Internship II
Select 1 course from the AAS Social & Behavioral Sciences (80) core.
Select 1 course from the Social & Behavioral Sciences

Transportation Service Technologies—
Automotive Technology Programs

Instructor Qualified

 Leading the way toward

For more information, please contact the Transportation Service Technologies Department at:
Automotive Technology
St. Philip's College
1801 Martin Luther King Drive
San Antonio, Texas 78203-2098
(210) 486-2568

www.alamo.edu/spc/automotive-technology

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EEO Official/Director of Human Resources, Title IX Coordinator, Human Resource Department,
201 W. Sheridan, Bldg. A, San Antonio, Texas 78204
(210) 485-0000.

SINCE 1957
The Automotive Technology program is a training curriculum designed to provide individuals with the knowledge and skills required to pursue a career in today's highly technical automotive field.

**What is Automotive Technology?**

The Automotive Technology program is a training curriculum designed to provide individuals with the knowledge and skills required to pursue a career in today's highly technical automotive field.

**How long are the various programs?**

- **Certificates of Completion**: The certificate programs can all be completed in one year or less. Students may enroll in multiple certificates simultaneously; however, this will increase the completion time. Any duplicated courses in the program need only be taken once.
- **Associate Degree Program**: The Associate of Applied Science Degree program is designed to be completed in two years.

**What is ASE Certification?**

Recognized industrial certification for Automotive Technicians. ASE Certification requires a minimum of two years of Shop experience. Two years of college in Automotive Technology may be used as one year of Shop experience.

**ASE Master Technician**

**Transmission Specialist Certificate:**
- Manual Drive Train & Axes
- Automatic Trans/Transaxle

**Performance Specialist Certificate:**
- Engine Performance
- Emissions

**Heating & Air Conditioning Certificate:**
- Heating/Air Conditioning

**Brake & Front End Certificate:**
- Brakes
- Suspension & Steering

**Auto Technician Certificate:**
- Suspension & Steering
- Brakes
- Manual Drive Trans & Axles

**What are the entrance requirements for the Automotive Technology program?**

- **High School Diploma or GED.**
- **Meet automotive requirements for minimum reading and computational skills. Developmental courses are available to those needing improvement.**
- **Have a desire to work hard.**

**How does a student enroll for the auto programs?**

- Complete application at: [www.applytexas.org](http://www.applytexas.org).
- Complete college placement exams.
- Register for Automotive courses.
- Pay tuition and fees.

**What careers in addition to automotive technician are available to a graduate?**

The Automotive Technology Degree opens opportunities in many career paths. In addition to a service technician, graduates may find opportunities as a parts manager, counter sales representative, manufacturer’s representative, store manager, insurance claims adjustor, fleet maintenance managers, service repair writers and repair shop managers.

**Are courses completed in a certificate program transferable to the Associate Degree?**

Any courses taken under a certificate program will automatically transfer to the AAS Degree.

**Automotive Technology Certificate of Completion-29 Hrs**

- **SEMESTER I**
  - AUMT 1305-Introduction to Automotive Technology
  - AUMT 1307-Electrical Systems
  - AUMT 1316-Suspension and Steering
  - AUMT 1410-Automotive Brakes

- **SEMESTER II**
  - AUMT 2313-Manual Drive Train & Axle
  - AUMT 2317-Engine Performance Analysis I
  - AUMT 1419-Engine Repair

- **SEMESTER III**
  - AUMT 1266-Practicum I OR AUMT 2288-Internship I

**Automotive Performance Specialist Certificate-26 Hrs**

- **SEMESTER I**
  - AUMT 1305-Introduction to Automotive Technology
  - AUMT 1307-Electrical Systems
  - AUMT 2317-Engine Performance Analysis I
  - AUMT 1419-Engine Repair

- **SEMESTER II**
  - AUMT 2421-Automotive Electrical Diagnosis and Repair

- **SEMESTER III**
  - AUMT 1266-Practicum I OR AUMT 2288-Internship I