



# TEXARKANA COLLEGE

## Automotive | Associate of Applied Science

Brandon Washington | Dean of Workforce | brandon.washington@texarkanacollege.edu | 903.823.3232

### LIST OF COURSES

AUMT 1405 - Introduction to Automotive Technology  
 AUMT 1312 - Basic Automotive Service  
 AUMT 1257 - Automotive Brake Systems Theory  
 AUMT 1310 - Automotive Brake Systems  
 AUMT 1307 - Automotive Electrical Systems  
 AUMT 1316 - Suspension/Steering Systems  
 AUMT 1319 - Automotive Engine Repair  
 AUMT 1345 - Automotive Climate Control Systems  
 AUMT 2313 - Automotive Drive Train and Axels  
 AUMT 2289 - Internship  
 AUMT 2301 - Automotive Management  
 AUMT 2317 - Engine Performance Analysis I  
 AUMT 2334 - Engine Performance Analysis II  
 AUMT 2332 - Automatic Transmission and Transaxle II  
 LEAD 1100 - Development with Critical Thinking  
 SPCH 1315 - Public Speaking  
 ENGL 1301 - Composition I  
 BCIS 1305 or EDUC 1300 - Business/Learning Frameworks  
 College Level Math or Natural Science  
 Social Science Elective  
 Art/Drama/Music Elective

SEMESTER 1	SEMESTER 3
AUMT 1405	AUMT 2289
AUMT 1312	AUMT 2301
AUMT 1257	AUMT 2317
AUMT 1310	AUMT 2334
AUMT 1307	AUMT 2332
SEMESTER 2	SEMESTER 4
LEAD 1100	SPCH 1315 (core)
AUMT 1316	ENGL 1301 (core)
AUMT 1319	BCIS 1305 or EDUC 1300 (core)
AUMT 1345	College Level Math (core) or Natural Science
AUMT 2313	Social Science Elective (core)
	Arts/Drama/Music Elective (core)

### LEARNING OUTCOMES/MARKETABLE SKILLS

Critical Thinking | Teamwork | Communication | Professionalism | Problem Solving | Customer Service | Organization | Time Management

### EDUCATIONAL OPPORTUNITIES

B.A.A.S. Texas A&M - Texarkana

### CAREER OPPORTUNITIES

Automotive Technician | Automotive Engineer | Tire Technician | Vehicle Inspector | Parts Manager | Service Manager

### HIGH SCHOOL ENDORSEMENTS

Business and Industry | Multi-Disciplinary

### LINKS TO COLLEGES & PROFESSIONAL ORGANIZATIONS:

<http://tamut.edu/Academics/Colleges-and-Departments/CASE/Undergraduate-Programs/BAAS/BAAS%20Program.html>

*Start Smart. Finish Strong.*

# Automotive

The work of automotive service technicians has evolved from mechanical repair to a high technology job. Today, integrated electronic systems and complex computers run vehicles, and technicians must have an increasingly broad base of knowledge about how vehicles' complex components work and interact, as well as the ability to work with electronic diagnostic equipment and computer-based technical reference materials - all skills you'll learn in TC's automotive technology program.

## PROGRAMS AVAILABLE

Associate of Applied Science

1-Year Certificate

1-Semester Certificate

## WHAT YOU'LL LEARN

Basic care & maintenance | Test automotive parts and systems | Repair or replace worn parts | Identify problems using diagnostic equipment | Dealer-specific certification | Effective communication with customers

## TYPICAL JOBS AFTER COMPLETION *(Varies based on degree/certificate chosen)*

Lube Bay & Vehicle Inspection Technician

Shop Foreman or Manager

Automotive Specialty Technician

Tire Repairer & Changer

Electronic Equipment Installer & Repairer

Automotive Master Mechanic

## MEDIAN PAY

\$37,170 per year for automotive service technicians & mechanics in the Texarkana area.

## JOB OUTLOOK

Job opportunities in automotive technology are expected to grow by 5% over the next 10 years.

## CAREER COACH AND CAMPUS TOURS

Visit [texarkanacollege.edu/careercoach](http://texarkanacollege.edu/careercoach) to take a short Career Assessment quiz to help you determine what career paths may be right for you. You can also use this site to browse the programs that Texarkana College offers to help get you there.

Once you've decided Texarkana College might be a place for you to start, give our Enrollment Services staff a call at (903) 823.3012 or visit [texarkanacollege.edu/tour](http://texarkanacollege.edu/tour) to schedule your campus visit.

## TEXARKANA COLLEGE

2500 N. Robison Rd. | Texarkana, TX 75599

[texarkanacollege.edu](http://texarkanacollege.edu) | 903.823.3456

TC does not discriminate on the basis of race, color, national origin, sex, disability, or age in its programs or activities. The following person has been designated to handle inquiries regarding the nondiscrimination policies:  
Human Resources Director, 2500 N. Robison Rd., Texarkana, TX, 75599 (903) 823-3017 [human.resources@texarkanacollege.edu](mailto:human.resources@texarkanacollege.edu)