

*University of Arkansas at Monticello College of Technology - McGehee
 Technical Certificate Program of Study
 Automotive Service Technology*

Technical Certificate

Dept	Course Number	Course Title	Credit Hours	Semester Taken	Grade
FALL SEMESTER					
ASTE	12104	Engine Repair*	4		
ASTE	12204	Electrical/Electronic Systems*	4		
ASTE	11304	Suspension and Steering*	4		
ASTE	12604	Brakes*	4		
COMM	12053	Technical Communication or higher-level composition course	3		
			19		

***Denotes optional EXIT point: Certificate of Proficiency Automotive Diagnostics**

SPRING SEMESTER					
ASTE	12337	Engine Performance	7		
ASTE	12404	Transmissions and Transaxles*	4		
MATH	12073	Technical Mathematics or higher-level mathematics course	3		
CPSI	11083	Tech Computer Fundamentals or higher level computer course	3		
			17		

SUMMER SEMESTER					
ASTE	12703	Manual Drive Train & Axles	3		
ASTE	12503	Heating and Air Conditioning	3		
ASTE	14033	Internship (optional course)	3		
			6		

EXIT: Technical Certificate Automotive Service Technology:			42		
---	--	--	-----------	--	--

Automotive Service Technology

Student Learning Outcomes

- SLO 1: Apply safe work practices in a manner compatible with OSHA requirements and automotive industry expectations
- SLO 2: Locate and employ applicable vehicle and service information from a variety of resources in order to correctly diagnose, and repair or correct malfunctions within each major automotive system
- SLO 3: Demonstrate knowledge and skills to inspect, diagnose, and repair to industry standards the major systems found in current automobiles
- SLO 4: Identify and explain the function of automotive parts and systems
- SLO 5: Identify and explain the function of, and demonstrate the use of hand tools and computerized diagnostic tools used in the automotive repair industry

To be eligible for a Technical Certificate from the University of Arkansas at Monticello College of Technology-McGehee, a student should complete a Program of Study approved by his/her advisor upon entering the University. The Program of Study indicates the minimum semester hours of unduplicated credit at the technical certificate level. Specific certificate requirements are listed on this Program of Study.

The Program of Study is for informational purposes only; it is the responsibility of the student to meet all requirements to be eligible for a technical certificate at UAM College of Technology – McGehee. The University reserves the right to substitute courses.

NOTE: Some courses require pre-requisite and/or co-requisite classes. Some courses may be offered only during specific semesters. This Program of Study requires General Education courses to be completed during any semester/term of enrollment. Contact your advisor or Director of Instruction for specific information.

Students who score below the required minimal level on the entrance exam may be required to take additional credit hours as part of this University’s developmental education program. See current academic catalog for more information.

The technical certificate may serve as a terminal credential or as an intermediate credential for students who wish to pursue an associate or baccalaureate degree program. For more information about this certificate, contact the UAM College of Technology – McGehee’s Office of Student Services or call 870-222-5360. Students may also visit <https://www.uamont.edu/academics/mcgehee/degrees.html>

Specific Graduation Requirements

In addition to completing all coursework, the University of Arkansas at Monticello College of Technology – McGehee, requires all students who are eligible for this technical certificate to meet the following criteria:

- Degree Audit
- At least 2.00 cumulative GPA

My signature below indicates that I (student) agree that it is my responsibility to meet all UAM requirements to be eligible for a technical certificate. This document serves only as a guide to help me fulfill specific program requirements. This University reserves the right to substitute other courses.

Student Printed Name

Student’s Date of Birth

Student Signature

Date

Advisor Signature

Date