The certificate of proficiency and the technical certificate programs give the student the opportunity to earn certificates while completing steps toward an Associate of Applied Science degree.

2025-2026

TECHNICAL CERTIFICATE PLAN
AUTOMOTIVE SYSTEMS REPAIR
Degree Code: 2450; CIP Code: 47.0604

All technical certificate-seeking students must meet the freshman assessment and placement requirements. If deficiencies exist, the student must complete the required CPT courses.

A 2.0 GPA is required for graduation from the Technical Certificate in Automotive Systems Repair program.

ATTENTION STUDENTS: PLEASE SEE CURRENT CATALOG FOR ALL FEES AND CHARGES ASSOCIATED WITH THIS CERTIFICATE.

This program is designed to provide students with entry and advanced-level marketable skills. Hands-on-training, combined with laboratory and classroom experience, provide students' knowledge in steering, suspension, electrical, and braking systems; transmissions and drivetrains; engine performance; air conditioning; and safety. Visit asumh.edu/ge_auto for gainful employment information.

Student Learning Outcomes for TC Automotive Systems Repair Program
1. Students will adjust and repair consumer and commercial equipment as an entry-level service shop technician.
2. Students will test and troubleshoot equipment and system.
3. Students will service and repair installed systems.
4. Students will communicate in the proper technical terminology of the industry.
5. Students will express and implement all safety rules and procedures across the full scope of their field.

In addition to these program-specific outcomes, students will have demonstrated a proficiency in the following general outcomes:
6. Applications of Math and the Natural Sciences appropriate to degree or field of study.
7. Composition and Oral Communication.

Name: _____   Date: _____
Advisor: _____   Student ID# _____

COURSE CODE		COURSE NAME	CREDIT HOURS	HOURS COMPLETED
General Education (6 credit hours)				
ENG	1003	Composition I (must earn a "C" or better) **OR**		
ENG	1103	Career Writing (must earn a "C" or better)	3	_____
MATH	1113	Applied Math or higher-level mathematics course	3	_____
Automotive Core (32 credit hours)				
AUTO	1013	Introduction to Automotive Technology	3	_____
AUTO	1024	Brakes and Braking Systems	4	_____
AUTO	1034	Suspension and Steering	4	_____
AUTO	1104	Engine Performance I	4	_____
AUTO	1304	Electrical Systems I	4	_____
AUTO	1403	Automotive HVAC	3	_____
AUTO	2104	Engine Performance II	4	_____
AUTO	2304	Electrical Systems II	4	_____
TECH	1012	Employment Strategies	2	_____

Program Total 38 Hours