

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.

2021-2022



**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.

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

| <u>COURSE CODE</u> | <u>COURSE NAME</u> | <u>CREDIT HOURS</u> | <u>HOURS COMPLETED</u> |
|---|--|---------------------|------------------------|
| 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 1103 | Technical Math or higher-level mathematics course | 3 | _____ |
| Automotive Core (42 credit hours) | | | |
| AUTO 1013 | Introduction to Automotive Technology | | _____ |
| AUTO 1023 | Brakes and Braking Systems | 3 | _____ |
| AUTO 1033 | Suspension and Steering | 3 | _____ |
| AUTO 1103 | Engine Performance I | 3 | _____ |
| AUTO 1203 | Automatic Transmission/Transaxle | 3 | _____ |
| AUTO 1303 | Electrical Systems I | 3 | _____ |
| AUTO 1402 | Automotive HVAC | 2 | _____ |
| AUTO 2103 | Engine Performance II | 3 | _____ |
| AUTO 2203 | Manual Transmission and Drive Axles | 3 | _____ |
| AUTO 2303 | Electrical Systems II | 3 | _____ |
| AUTO 2403 | Engine Rebuild | 3 | _____ |
| AUTO 2508 | Automotive Lab | 8 | _____ |
| TECH 1012 | Employment Strategies | 2 | _____ |

Program Total 48 Hours