



## THE ASSOCIATE OF APPLIED SCIENCE (A.A.S.)

The Associate of Applied Science Degree is designed for employment purposes, and it should not be assumed that the degree or the courses in the degree can be transferred to another institution. While a few institutions have recently begun to accept some courses in A.A.S. programs, the general rule is that courses in the A.A.S. degree are not accepted in transfer toward bachelor's degrees. Students to whom transfer is important should get assurance in writing in advance from the institution to which they wish to transfer and be aware that they may be required to complete additional lower-division courses to meet specified prerequisite course requirements for their chosen baccalaureate degree program upon Arkansas public university transfer.

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

### DEGREE PLAN ASSOCIATE OF APPLIED SCIENCE IN AUTOMOTIVE SYSTEMS REPAIR

**Degree Code: 0230; CIP Code: 47.0604**

Automotive Systems Repair prepares individuals for employment as entry-level automotive service technicians. The program provides an introduction to automotive industry careers and increases student awareness of the diverse technologies associated with this dynamic and challenging field.

#### Program Learning Outcomes for A.A.S. 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 trouble shoot equipment and systems.
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.
6. Students will demonstrate employability (soft) skills.

Students completing the general education core at ASUMH will have demonstrated proficiency in the following skills:

7. Applications of Math and the Natural Sciences appropriate to degree or field of study.
8. Composition and Oral Communication.
9. Evaluation of diverse perspectives and cultures through Arts, Humanities, and Social Sciences.
10. Utilization of technology appropriate to degree or field of study.

Name: \_\_\_\_\_  
Advisor: \_\_\_\_\_

Date: \_\_\_\_\_  
Student ID# \_\_\_\_\_

<u>COURSE CODE</u>	<u>COURSE NAME</u>	<u>CREDIT HOURS</u>	<u>HOURS COMPLETED</u>
<b>General Education Requirements (18 credit hours)</b>			
CPSI 10003	Computer Essentials	3	_____
ENGL 10103	Composition I (must earn a "C" or better)	3	_____
ENGL 10203	Composition II (must earn a "C" or better)	3	_____
MATH 10133	Applied Math or higher-level mathematics course	3	_____
SPCH 10003	Oral Communication	3	_____
<b>Social Science Elective (3 credit hours) (Select 1 course)</b> (Choose any three-credit hour course from ECON 21003, GEOG, HIST, PLSC, PSYC, <b>OR</b> SOCI)			
ECON 21003	Principles of Macroeconomics <b>OR</b> GEOG, HIST, PLSC, PSYC, or SOCI course	3	_____
<b>Automotive Systems Repair Core (44 credit hours)</b>			
ASTE 10033	Introduction to Automotive Technology	3	_____
ASTE 12034	Engine Rebuild	4	_____
ASTE 12204	Electrical Systems I	4	_____
ASTE 13504	Suspension and Steering	4	_____
ASTE 14003	Automotive HVAC	3	_____
ASTE 14804	Engine Performance I	4	_____
ASTE 16004	Brakes and Braking Systems	4	_____
ASTE 22044	Automotive Powertrains	4	_____
ASTE 23004	Electrical Systems II	4	_____
ASTE 24804	Engine Performance II	4	_____
TECH 10132	Employment Strategies	2	_____
WELD 12004	Gas Metal Arc Welding	4	_____

**Program Total 62 Hours**