

East Arkansas Community College Technical Certificate in Automotive Service Technology

The Automotive Service Technology program will get you on the right path toward becoming an ASE Certified Master Technician. Your time will be spent acquiring knowledge and experience in engine repair, automotive transmission/transaxle, manual drive train and axles, suspension and service, brakes, electrical/electronic systems, heating and air conditioning, and engine performance. Your time will be divided between the classroom and the shop. In the shop, you will gain hands-on experience in repairing all mechanical aspects of a vehicle from bumper to bumper. The classroom is equipped with training software that will allow you an “inside view” of the workings of a vehicle.

| I. Term I | Credit Hours | Semester | Year | Grade |
|---|--------------|----------|------|-------|
| ENG 1033 Communication Skills I -or- Higher | 3 | | | |
| AST 1202 Application Lab I | 2 | | | |
| AST 1102 Engine Performance | 2 | | | |
| AST 1103 Automotive Engine Repair | 3 | | | |
| AST 1203 Automotive Brake Systems | 3 | | | |
| Semester Hours | 13 | | | |
| II. Term II | Credit Hours | Semester | Year | Grade |
| MTH 1083 Technical Mathematics -or- Higher | 3 | | | |
| AST 2302 Application Lab II | 2 | | | |
| AST 2402 Automatic Transmissions | 2 | | | |
| AST 2503 Electronic/Electrical Systems | 3 | | | |
| AST 2703 Automotive Computer Systems | 3 | | | |
| AST 2903 Suspension and Steering | 3 | | | |
| Semester Hours | 16 | | | |
| III. Summer Term | Credit Hours | Semester | Year | Grade |
| AST 2103 Automotive Climate Control | 3 | | | |
| AST 2303 Automotive Power Trains | 3 | | | |
| Semester Hours | 6 | | | |
| TOTAL DEGREE CREDIT HOURS | 35 | | | |