

## ASEP General Motors 2008-2009

The Automotive Service Educational Program (ASEP), co-sponsored by DMACC and General Motors, is a two-year automotive program designed to prepare students for employment as a GM dealership technician. The curriculum, designed by General Motors and DMACC, leads to the associate degree in Automotive Technology. The program involves classroom lecture, laboratory experience, and dealership work experience.

**Locations: Ankeny**

**Program Entry Requirements**

Complete an application, satisfy the assessment requirement, attend any required information/registration session and be accepted by General Motors as a participant. In addition, all program participants must be employed by a participating General Motors dealership.

**Students start in October.**

**Graduation Requirements**

To earn an ASEP General Motors AAS degree, a student must complete all course work as prescribed and maintain a 2.0 grade point average.

**Required Courses**

ATG 312	GM Specialized Electronics Training	4
ATG 316	GM Shop Fund & Minor Service	4
ATG 320	GM Brake Systems	4
ATG 322	GM Steering & Suspension	3
ATG 329	Technical Internship I	3
ATG 326	GM Auto Air Conditioning Systems	3
ATG 327	Minor Service/Repair-GM Engines	3
ATG 328	Diagnosis/Repair-GM Electrical Systems	3
ATG 330	Technical Internship II	3
ATG 333	Major Service Procedures/GM Engines	3
ATG 336	GM Fuel Systems	3
ATG 337	GM Tune-Up Proc and Emission Control	4
ATG 340	Technical Internship III	3
ATG 344	GM Manual Drivetrains	4
ATG 345	GM Automatic Drivetrains	4
ATG 350	Technical Internship IV	3
ATG 354	Advanced GM Motors Systems	5
BUS 102	Intro to Business	3
COM 703	Communication Skills	3
MAT 772	Applied Math	3
PHY 710	Technical Physics	3
PSY 102	Human and Work Relations	3

**Total minimum credits required to complete this program 74**

## PROGRAM INFORMATION BRIEF (CONT.)

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### Fixed Costs

Tuition ..... \$ 107.00 per credit

The costs for each program are estimates and subject to change.

### Varied Costs

	Term 1	Term 2	Term 3	Term 4	Term 5
Books (approximate)	205	105	80	80	55
Tools	2,000	100	105	105	105

**Approximate total for program: \$11,080.00**

### What Kind of Work Will You Do?

- Will work in a General Motors service department.
- Service automobiles to keep them from developing mechanical problems (preventive maintenance).
- Diagnose drivability problems so repairs can be made.
- Make systematic examinations, adjustments; repair and replace defective parts of cars and trucks.
- Use different kinds of testing equipment, such as engine analyzers, compression gauges, electrical test meters, lab scopes, and computers.

### What Skills and Abilities Will You Need?

- Use your hands to do technical and manipulative skills with accuracy.
- Use hand tools and interpret readings from meters, gauges, and computers.
- Establish effective interpersonal relations with customers and co-workers.
- Read and understand technical information off a computer and from technical manuals.
- Ability to diagnose problems and take proper remedial measures.
- Lift and carry objects up to 60 lbs.

### What Else Should I Consider about this Program or Career Choice?

- Basic math and reading skills are a must.
- Students must provide own hand tools at the beginning of the program, approximately \$2,000.
- Average starting salary \$27,040 (2006-2007 Placement Report)

### ASEP- General Motors (2008-2009)

### RECOMMENDED HIGH SCHOOL COURSES:

Composition, Algebra I, Business Math, Applied Math, Chemistry, Physical Science, Physics, Principles of Technology, Computer Science, Keyboarding, Power Mechanics

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Des Moines Area Community College shall not engage in or allow discrimination covered by law. This includes harassment based on race, color, national origin, creed, religion, gender, sexual orientation, age, and disability. Veteran status in educational programs, activities, employment practices, or admission procedures is also included to the extent covered by law. Individuals who believe they have been discriminated against may file a complaint through the College Discrimination Complaint Procedure. Complaint forms may be obtained from the Human Resources Department, the campus Provost's office, or the EEO/AA Officer. Persons who wish additional information or assistance may contact the EEO/AA Officer, Human Resources, Bldg. 1, 515-964-6301. For requests for accommodations, the Accommodation/Section 504/ADA Coordinator can be contacted at 515-964-6857.