

Personality + Career

GM ASEP students enjoy working with their hands and can stay on task to complete a job. They have mechanical ability and computer and communication skills. The ability to follow directions, work on a team, and visualize objects three dimensionally is also important. Additionally, they are good team members and are detail oriented.



Program	What do students learn in the program?	What you'll earn!	Career Opportunities	Certificate Preparation	Required Tools, Supplies, and Uniforms
General Motors Automotive Service Educational Program (ASEP)	Students learn about GM products, service information, safety, inspection procedures, under-hood maintenance, and study the operation, diagnostics, disassembly, and repair of steering, suspension, electrical, HVAC, engine and diesel systems, and driveline systems. Additionally, students gain an in-depth knowledge of GM engine performance, including ignition, emissions control, and fuel systems. Students will also learn basic welding skills.	\$19.90 per hour; \$41,392 annually.	Automotive Technician at a GM Dealer	Completion of the program provides graduates with one of the required two years of work experience toward ASE certification.	Tools are required. See information provided. Uniform shirts are required and are provided by the student's sponsoring dealership.



General Motors Automotive Service Educational Program

» southeast.edu/gmasep



If you like to diagnose issues, make repairs and enhance vehicle performance, do what you love and turn it into a rewarding career! Join SCC's General Motors Automotive Service Educational Program! This program is a partnership between Southeast Community College and General Motors and its dealerships, designed to prepare you as a highly qualified entry-level technician at a General Motors dealership after you graduate.



This program is accredited by the ASE Education Foundation, 1503 Edwards Ferry Rd., NE, Ste. 401 Leesburg, VA 20176, 703-669-6650, aseeducationfoundation.org.

Program Contact Information

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Through a carefully constructed program of classroom and experience-based education, you'll gain knowledge of engine fundamentals, electrical and electronic principles, fuel systems, brakes, steering and suspension systems, body computer systems, transmissions, and heating and air conditioning systems.

» Your Next Steps to Choose SCC

- ▶ Schedule a Campus Visit - southeast.edu/visit
- ▶ Explore career options with an Admissions Counselor - southeast.edu/admissionsadvising
- ▶ Apply - southeast.edu/applynow

» Paying for SCC

- ▶ Free Application for Federal Student Aid (FAFSA) - studentaid.gov/h/apply-for-aid/fafsa
- ▶ Scholarships - southeast.edu/scholarships
- ▶ Payment Plan - mycollegepaymentplan.com/southeast
- ▶ Veteran Education Benefits - southeast.edu/veterans-services
- ▶ GAP Assistance Program - southeast.edu/gap
- ▶ Children of State Teammate Tuition Reimbursement Program - southeast.edu/children-of-state-teammate-tuition-reimbursement-program



Scan this code to access the course listing

Contact Admissions to get started!

402-437-2600, 800-642-4075 ext. 2600

✉ admissions@southeast.edu

The SCC Experience

- » SCC's program is the only GM ASEP school in Nebraska. This unique program combines educational training and industry work experience in a true earn-while-you-learn setting. Students complete two eight-week cooperative experiences at their sponsoring dealership during the program, giving them the opportunity to apply what they learn in the classroom on live customer work.
- » The GM ASEP program is hands-on. Students spend 60% of their time in the lab using special factory tools and online General Motors resources while working on late-model vehicles donated by GM.
- » Automotive Service Excellence (ASE) offers SCC students who complete the GM ASEP program credit for one year of the two-year requirement to become an ASE certified technician. This certification acknowledges graduates' level of training and provides opportunity for higher earning potential.
- » Learn from the best. The SCC GM ASEP instructors are among the best. They bring industry experience to the classroom and prepare students to diagnose and repair General Motors products from bumper to bumper. Small class sizes give students ample opportunity for one-on-one attention and access to equipment for learning.



Related Transportation Programs at SCC:

- Automotive Technology
- Deere Construction and Forestry Equipment Tech
- Diesel-Ag Equipment Service Technology
- Diesel Technology - Truck
- Ford Automotive Student Service Educational Training Program (ASSET)
- John Deere Tech
- Powersports Technology
- Professional Truck Driving
- Technical Skills Instructor

Program	Credential	Location	Credit Hours Required	Resident Cost*	Nonresident Cost *	Starting Term(s)	Number of Semesters Required – Full Time	Is Summer term required for Full Time?	Online Option	Part-Time Option	Typical Class Schedule
General Motors Automotive Service Educational Program (ASEP)	Associate of Applied Science	Milford	66	\$14,572	\$15,958	Fall	4	No	No	No	Monday-Thursday, 8 a.m.-4 p.m. and Friday, 8 a.m.-Noon

*Listed program costs are approximate and subject to change based on market price of books, supplies, tools, uniforms, etc. Estimated costs include tuition, fees, books, supplies, tools, uniforms, etc.

TOOLS

Many tools are provided and students are only asked to purchase minimum tools in their first term, giving them time to explore and learn. Students then add to tools in future semesters. Tools are an investment in a student's career and SCC works with a variety of tool vendors to give students options. Many vendors offer students a significant discount. Students can also purchase tools from other vendors not associated with the College. Program faculty and advisors will provide students with specific information related to tools prior to the start of their first semester.

During the first week of each semester, tool vendors come to campus and provide students with options to buy single tools or tool sets based on program needs. Faculty will be available to help students make selections based on course and program needs.

Automotive Technology - Ford - General Motors - Required Basic Tool List

The following tool list includes the basic tools a student will be required to have to successfully complete the automotive programs. The student should discuss with their advisor the timeline for purchasing specific tools and suggested optional tools.

The College does not recommend, nor endorse, any specific brand of tools. The student should give careful consideration when selecting tools he/she will use in their career.

1ST SEMESTER REQUIRED - FIRST DAY OF SECOND WEEK

- Terminal Removal Tool – (for Computer Control Terminal)
- Ear protection
- Pen/Mini-Mag light w/batteries
- Air chuck/ Tire pressure inflator
- Tire psi gauge
- Valve core tool
- Rubber tip air nozzle
- Antifreeze tester
- Pick set (4 piece)
- Magnetic pick up tool (telescoping)
- Inspection mirror
- Pocket Screwdriver

- Tool bag that accommodates items above
- Fluke 87 or 88 Multimeter (ASEP Fluke 87 required)
- *Punch and Thread Kit (alum. Block) \$9.90
- *Jumper wire set
- *Safety glasses (min. Z87 rated)
- Program Uniform Shirts
 - *AUTO - 3 minimum
 - Dealer programs (Ford, GM) will have apparel provided by the Dealer

WELDING EQUIPMENT

- (needed either 1st or 2nd semester depending on program)
- Burn Jacket or Welding Leathers
 - Safety Glasses with side shields
 - Gauntlet style welding gloves
 - Auto darkening welding helmet
 - ("Grind Mode", #5 shade for oxy acetylene, and a #10 shade)
 - MIG welding pliers (must be able to cut .035" welding wire)

- Ear Plugs (3 Pair)
- Leather Boots
- Denim pants (No holes or tears in them)
- Welding Beanie (optional but beneficial)

*May be purchased at the SCC Parts or Campus store

2ND SEMESTER REQUIRED - FIRST DAY OF SECOND SEMESTER

SCREWDRIVERS

- Standard (5) 1/8", 3/16", 1/4", 5/16", 3/8" including stubby
- Phillips (4) #1, #2, #3 and #2 stubby
- Tamper Proof Torx Screwdrivers (T10-T30)

PLIERS

- 6"slip joint combination
- 7"Diagonal cut
- 6"Needle nose
- 10"(min) Adjustable Joint
- Vise-Grip (3) 5" curved, 10" curved, 6" long nose
- Fixed tip Snap ring convertible 6" & 8" straight tip .038" .045" & .070"
- Lock ring pliers

PUNCHES/CHISELS/FILES/SAW

- Punch & Chisel Set (Minimum 12 piece – must include center punch)
- Brass drift 8" min. (12" recommended)
- Files (3) 10" flat, 8"round, 6"Tri
- File card
- File handle
- Half round/cape chisel

MEASURING INSTRUMENTS

- Feeler gauges (2) Straight and angled (.0015-.025 w/metric equiv)
- 6" steel ruler w/ std. and metric display
- Thread pitch gauges, (2) std. & metric
- Tape measure, 12' min.
- Caliper, 0-6"
- Torque wrench, 3/8" drive 15-100 ft/lb or equiv.
- Torque wrench, 1/2" drive 40-250 ft/lb or equiv.
- Digital Torque wrenches with angle measurement is recommended.

WRENCHES

- 1/4"-1 1/4" standard combination 12 pt.
- 6-24 mm standard combination 12 pt.
- Adjustable Wrench, 12"
- Flare Wrench Set 3/8" -11/16"
- Flare Wrench Set 9-18 mm

HAMMER

- Ball Peen, 16 oz.
- Ball Peen, 32 oz.
- Dead Blow, 24-28 oz.

BRAKES TOOLS

- Brake adjusting spoon
- Brake Retaining Spring Tools (2) large and small
- Brake Spring Tool

MISCELLANEOUS

- Spark plug gapper –wire type – .025-.045 and .040-.080
- Spark Tester
- A/C Thermometer
- Lip seal tool
- 12" Hacksaw w/ blades
- Allen Wrenches Metric set 4-12 mm
- Stethoscope
- Pry bar, 24" min (Set with more than one length is recommended)
- 16" rolling head bar
- Fender covers (1pair)
- Wire brush, 10" min
- Adapters (4) 1/4-3/8, 3/8-1/4, 3/8-1/2, 1/2-3/8
- Gasket scraper
- Oil filter Pliers (slip joint)
- Oil filter band wrenches (2)

RECOMMENDED

- Socket Set 3/8" drive 10mm-19mm flex impact
- Socket Set 3/8" drive Inverted Torx E6-E16
- Socket Set 3/8" drive 10-19mm deep Impact
- Socket Set 1/2" drive 3/8-1 1/4 shallow
- Socket Set 1/2" drive 7/16-1 1/4 deep Impact
- Socket Set 1/2" drive 10-24mm deep chrome
- Automotive Terminal Test lead kit
- Metric ratcheting wrenches
- 8/10mm brake wrench - for bleeder screws
- 6-19mm combination stubby wrench set
- Assorted trim panel removers
- 3/8" Air or cordless Impact
- 3/8" Air or cordless ratchet
- Hose Clamp Pliers
- Spark plug boot pliers
- Needle nose pliers set long (3)
- Large dead-blow hammer, 36 oz or larger
- Brass Hammer
- Hand vacuum pump with gauge

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