

2021
2022

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CHOOSE YOU!

STEM

GENERAL MOTORS ASEP

AUTOMOTIVE SERVICE EDUCATIONAL PROGRAM

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.

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.

More about the program

- Students who apply to the program will need to secure a dealership sponsor prior to enrolling in the dealer-specific courses. SCC staff can assist in providing dealership contact information.
- Two eight-week Cooperative Experience courses allow you to apply what you've learned on campus in a working shop environment at a dealership.
- This earn-as-you-learn opportunity provides you with factory-training credentials which can open the door for you at dealerships across the nation.
- You will receive hands-on experience using special factory tools while working on vehicles donated by the manufacturer.
- SCC students receive a discount on tools from tool vendors who come to campus.
- You can turn your A.A.S. degree into a bachelor's degree if additional education is your goal.

SCC is the Right Choice

- SCC's program is the only GM ASEP school in Nebraska.
- Automotive Service Excellence (ASE) offers SCC students who complete the A.A.S. degree credit for one year of the two-year requirement to become an ASE certified technician.
- Have peace of mind knowing that you've secured employment before starting the program.
- SCC has an outstanding reputation. Rewarding job opportunities are available nationwide for students who have the skills and desire to work.

» Career Options

- Service technician, specialty technician or service writer in a GM dealership or ACDelco service center.

Recent Graduates

report a
yearly average
starting salary of

\$38,376



Education Foundation

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

The competencies in the program's curriculum satisfy the requirements for graduates to be eligible to continue on to the hands-on components and then the final assessments necessary to become a General Motors World Class Technician.

Credit hours required for graduation:

General Motors Automotive Service Educational Program
»Associate of Applied Science66



Scan this code to access the course listing

For more information contact:

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This publication should not be considered a contract between SCC and any prospective student. SCC's Board of Governors reserves the right to make changes in this publication during the life of the publication and without notice.

A0726 - GM (08/21)

2021-2022 estimated expenses to graduate with an award of 66 credit hours.

Resident	
Tuition/Fee Rate Per Credit Hour	\$114
Resident Tuition/Fees	\$7,524
Books	\$900
Special Fees	\$600
Tools	\$5,000
Total:	\$14,024
Non-Resident	
Tuition/Fee Rate Per Credit Hour	\$135
Non-Resident Tuition/Fees	\$8,910

Automotive Technology - Ford - General Motors - Mopar - 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

- Fluke *87 or 88 Multimeter (*87 required for GM-ASEP)
- 12v bulb - test light
- Wire crimper/cutter/stripper
- Battery Terminal cleaner
- Terminal Removal Tool
- Ear protection
- Pen/flashlight
- Tire pressure inflater
- Tire psi gauge
- Valve core tool
- Rubber tip air nozzle
- Antifreeze tester
- Pick set (4 piece)
- Magnetic pick up tool
- Inspection mirror
- Pocket Screwdriver
- Punch and Thread Kit (alum. Block)
- Tool bag
- Jumper wire set
- Safety glasses (min. Z87 rated)
- Program Uniform Shirts
 - AUTO - 3 minimum
 - Dealer programs (Ford, GM, Mopar) will have apparel provided by the Dealer

2ND SEMESTER REQUIRED - FIRST DAY OF SECOND SEMESTER

TOOL STORAGE

- Roll-Away - **56" maximum**. NO larger.

1/4" DRIVE

- Socket Set 3/16"-9/16" shallow 6 pt.
- Socket Set 3/16"-9/16" deep 6 pt.
- Socket Set 5-14 mm shallow 6 pt.
- Socket Set 5-14 mm deep 6 pt.
- Extensions (3) 2", 4", 6" or equiv.
- Ratchet
- Drive handle (screwdriver type)
- Universal joint

3/8" DRIVE

- Socket Set 3/8"-3/4" shallow 6 pt.
- Socket Set 3/8"-3/4" deep 6 pt.
- Socket Set 8-19 mm shallow 6 pt.
- Socket Set 8-19 mm deep 6 pt.
- Socket Set Torx T10-T60
- Socket Set Allen/Hex 1/8"-3/8"
- Socket Set Allen/Hex 4-10 mm
- Spark plug sockets 5/8" and 13/16"
- Extensions (5) 1", 3", 6", 12", 36"
- Ratchet, standard
- Ratchet, long flex head
- Speed handle
- Universal joint

1/2" DRIVE

- Socket Set 10-24 mm shallow
- Socket Set 10-24 mm deep Impact
- Sockets, 30, 32, 34 & 36 mm deep impact
- Socket Set, Lug nut
- Extensions (3) 3", 6", 12" or equiv.
- Ratchet
- Breaker bar, 24" min
- 1/2" Impact universal with lock button
- 1/2" Impact wrench

SCREWDRIVERS

- Standard (5) 1/8", 3/16", 1/4", 5/16", 3/8" w/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 straight tip .038", .045" & .070"
- Medium Lock ring pliers

PUNCHES/CHISELS/FILES/SAW

- Punch & Chisel Set- including center punch)
- Brass drift 6" min.
- Files (3) 10" flat, 8" round, 6" Tri
- File card
- File handle
- Half round/cape chisel

MEASURING INSTRUMENTS

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

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
- Retaining Spring Tools (2 sizes)
- Brake Spring Tool

MISCELLANEOUS

- Spark plug gapper .025"-0.080"
- Spark Tester
- A/C Thermometer
- Lip seal tool
- 12" Hacksaw w/ blades
- Basic AC & Fuel disconnect tools
- Allen Wrenches Metric set 4-12 mm
- Stethoscope
- Pry bar, 24" min.
- 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