

# MOPAR-CHRYSLER, DODGE, RAM, JEEP, FIAT CAREER AUTOMOTIVE PROGRAM

Milford Campus

**STEM**

www.southeast.edu/GoCAP



Associate of Applied Science Degree

Credit Hours Required for Graduation:  
Associate of Applied Science Degree ..... 61.0

Scan this code  
to access the  
course listing



For more information contact:

Kevin Uhler, Program Director  
402-761-8367, (800) 933-7223 ext. 8367  
kuhler@southeast.edu

Todd Morrill, Instructor  
402-761-8426, 800-933-7223 ext. 8426  
tmorrill@southeast.edu

or the College Admissions Office  
Milford 402-761-8243, 800-933-7223 ext. 8243

Equal Opportunity/NonDiscrimination Policy - It is the policy of Southeast Community College to provide equal opportunity and nondiscrimination in all admission, attendance, and employment matters to all persons without regard to race, color, religion, sex, age, marital status, national origin, ethnicity, veteran status, sexual orientation, disability, or other factors prohibited by law or College policy. Inquiries concerning the application of Southeast Community College's policies on equal opportunity and nondiscrimination should be directed to the Vice President for Access/Equity/Diversity, SCC Area Office, 301 S. 68th Street Place, Lincoln, NE 68510, 402-323-3412, FAX 402-323-3420, or jsoto@southeast.edu. 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. A0740 - Mopar (07/20)

Developing the technicians of tomorrow is what the MOPAR-Chrysler, Dodge, RAM, Jeep, FIAT Career Automotive Program is all about! SCC and the MOPAR Career Automotive Program have partnered to give you more than a general automotive education. Gain training and fundamental knowledge to work on some of the most popular vehicles on the road today, including Chrysler, Dodge, Jeep, Ram, and FIAT.

## SCC is the Right Choice

Job opportunities are strong and rewarding for students who have the skills and desire to work.

- SCC's program is the only MCAP school in Nebraska
- Obtain factory training certifications for employment with a sponsoring Chrysler, Dodge, Jeep, or RAM dealership
- Receive hands-on experience using special factory tools while working on vehicles donated by the manufacturer
- Have peace of mind knowing that you've secured employment even before starting the program
- Receive a discount on tools from tool vendors who come to campus
- Two eight-week cooperative experiences allow you to apply what you've learned on campus in a live shop environment at a MOPAR dealership
- 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 ASE certified technicians
- Our program is a true earn-as-you-learn opportunity, and MOPAR factory training credentials open doors for you at dealerships across the nation
- Turn your A.A.S. degree into a bachelor's degree if additional education is your goal



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  
This SCC program has Master Accreditation with and is affiliated with the ASE Education Foundation.

### Top Career Options

- Entry-level technician in a MOPAR-Chrysler, Dodge, RAM, Jeep, Dealership

### Graduate Earnings

Recent graduates report an average starting salary of <sup>^</sup>\$32,344 per year.

<sup>^</sup> To maintain confidentiality for recent graduates, a three-year average is reported.

2020-2021 Resident Estimated Expenses	
Tuition/Fee Rate Per Credit Hour	\$111
Resident Tuition/Fees	\$6,771
Books	\$686
Tools	\$4,000
Special Fees	\$300
<b>Total:</b>	<b>\$11,757</b>
Non-Resident Tuition/Fee Rate Per Credit Hour	\$132
Non-Resident Tuition/Fees	\$8,052

# **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"-.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