



Personality + Career

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

Program	What do students learn in the program?	What you'll earn!	Career Opportunities	Certificate Preparation	Required Tools, Supplies, and Uniforms
Ford Automotive Student Service Educational Training Program (ASSET)	Students learn to use Ford service information, web-based training, and repair order completion 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 Ford engine performance, including ignition, emissions control, and fuel systems. Students will also learn basic welding skills.	\$18.90 per hour; \$39,312 annually	Entry-Level Ford Technician	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.



» 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

Southeast
COMMUNITY COLLEGE

2022-2023

Ford Automotive Student Service Educational Training Program (ASSET)

» southeast.edu/fordasset



Turn your love of working on vehicles into a rewarding career and join SCC's Ford ASSET program. Ford ASSET is recognized as the premier program in the global automotive industry for the training and placement of new manufacturer-specific service technicians.

This program, a partnership between Southeast Community College and Ford and its dealerships, is designed to prepare you as a highly-qualified entry-level technician at a Ford dealership after you graduate.

Ford
ASSET
Automotive Student Service Educational Training
www.newfordtech.com

ASE Education Foundation

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

Program Contact Information

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The SCC Experience

- » SCC's program is the only Ford ASSET school in Nebraska and the first one east of the state of Washington. 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 Ford ASSET program is hands-on. Students spend 60% of their time in the lab using special factory tools and online Ford resources while working on late-model vehicles donated by the manufacturer. SCC currently has a 2022 Ford Bronco and a 2022 Mustang Mach E.
- » Automotive Service Excellence (ASE) offers SCC students who complete the Ford ASSET 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 Ford ASSET instructors are among the best. They bring industry experience to the classroom and prepare students to diagnose and repair Ford 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
- General Motors Automotive Service Educational Program
- 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	Can the program be completed entirely online?	Part-Time Option	Typical Class Schedule
Ford Automotive Student Service Educational Training Program (ASSET)	Associate of Applied Science	Milford	63	\$14,221	\$15,544	Fall	4	No	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

TOOL STORAGE

- Roll-Away - 56" max length

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 (1/4" and/or 3/8" drive)
- 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" 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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