



Associate of Applied Science Degree

Credit Hours Required for Graduation:
Associate of Applied Science Degree 62.0



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Highly-skilled factory-trained Ford technicians are in high demand! This program is a true earn-as-you-learn opportunity. With training offered jointly by Ford Motor Co. and SCC in cooperation with Ford or Lincoln dealers, students must secure a Ford or Lincoln dealer to sponsor them during training.



Why SCC?

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 alliance was created so that a new generation of service technicians would be available. Ford Motor Co. provides current vehicles, components, state-of-the-art diagnostic equipment, and instructional materials for a true hands-on experience.

It's been a blast every day, going to work and going to school. It's been perfect. I never stop learning.

Landon Sweeney,
2019 Graduate

When I chose a college, I wanted an accelerated program that set me up for success. I found that in Ford ASSET at SCC.

Brody Voichoski/Ford Student

We've got great dealer support right now. Ford dealers know many technicians are getting ready to retire and are preparing for the huge demand for qualified technicians. Our dealerships have really stepped up by finding students interested in the ASSET program, sponsoring them, and getting them in the door.

- Tim McLain/Ford Instructor



Top Career Options

- Entry-level technician in a Ford or Lincoln dealership.



Graduate Earnings

Recent graduates report an average starting wage of \$18.15 per hour.

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 is has Master Accreditation and is affiliated with ASE Education Foundation.



Education Foundation

2019-2020 Tuition/Fee Rate Per Credit Hour
Nebraska Resident \$108
Out-of-state tuition/fee rate \$129

Estimated Expenses

Tuition/Fees	\$ 6696
Books	920
Special Fees	500
Tools/Supplies	4693
Total:	\$12,809

Basic Tools for Ford (ASSET) Program

1/4" DRIVE SET

- Ratchet
- Extension 3", 6", 12"
- Universal socket
- Socket set 4-15mm
- Drive handle w/female drive on top
- Socket set 4-15mm deep-well
- Torx drive set T10-T30
- Adapter 3/8" to 1/4"

3/8" DRIVE SET

- 3/8" Torque wrench, digital type
5-100 foot-pounds
- Standard length ratchet
- Flex-head ratchet
- Extensions- 3, 6, 11" & 36"
- Socket set 1/4 - 7/8"
- Socket set 1/4 - 7/8" deep-well
- Socket set 8-19mm
- Socket set 8-19mm
- Universal joint
- Torx drive set T40-T55
- Speed handle
- Adapter 3/8" to 1/2"

1/2" DRIVE SET

- Ratchet
- Extensions 6" & 12"
- Breaker bar
- Adapter 1/2" to 3/8"
- 1/2" Torque wrench, click type
50-250 foot-pounds
- Impact metric 10mm to 24mm deep

MISCELLANEOUS SOCKETS

- 1-5/8 spark plug
- 1-13/16 spark plug
- 1-9/16 spark plug
- 32mm deep-well
- 36mm deep-well
- 1/2" Air impact gun
- 3/8" battery impact

WRENCHES

- Metric combination 7-19mm
- SAE combination 3/8 - 1"
- Flare nut double end 9 - 18mm
- Hex standard 3/8" drive sockets
1/8" to 3/8"
- Hex metric 3/8" drive sockets
4mm to 10mm
- 3/8" 12mm - 12 point short wobble
impact socket

PLIERS

- Retaining (snap) ring small arc
(inside & outside)
- Retaining (snap) ring large arc
(inside & outside)
- Spark plug boot
- Relay remover
- 6" Combo slip joint
- 6" Needle nose
- 9" Adjustable joint
- 7" Diagonal cutter
- 10" Vise-Grip locking

ELECTRICAL

- * Fluke 88 V/A Automotive Multimeter
combo kit
- Electrical circuit tester (test light)
- Battery terminal cleaner

SPECIALTY TOOLS

- Remote starter switch
- Vacuum pump
- Stethoscope

MEASURING INSTRUMENTS

- Spark plug wire gauge
- General use feeler gauge
- Ignition/spark tester
- Digital dial calipers
- Dial indicator (vise-grip type)
- Scribe

HAMMERS

- 12 oz. Ball peen
- 16 oz. Ball peen
- 20 oz. Dead blow
- 48 oz. Dead blow
- Rubber mallet

SCREWDRIVERS

- Pocket screwdriver
- 5 Phillips: #1, 2, 3, 4 & stubby tips
- 5 Standard: #1, 2, 3, 4 & stubby tips
- Torx: T10-T55

**SUPPLIES

- Pair of welding gloves
- Safety glasses &/or goggles
- Maglight or flashlight

BRAKE TOOLS

- Bleeder wrench 1/4" x 3/8"
- Spring pliers
- Bleeder wrench 8 x 10mm
- Adjusting spoon
- Retainer spring tool 3/4" cap
- Retainer spring tool 5/8" cap

FILES

- 10" Flat w/handle
- 8" Round w/handle
- 6" Triangle w/handle
- File card

MISCELLANEOUS TOOLS

- Wire stripper
- Wire brush
- 10 pc. Punch & chisel set
- 5 pc. Roll Pin punch set
- Hacksaw
- 12" tape measure
- Inspection mirror
- Hook & awl pick set
- Putty knife
- Radiator hose tool cable type
- 2-fender covers
- A/C thermometer
- Utility knife
- Screw extractor kit
- Telescoping magnetic pickup
tool Mechanical fingers
- Mechanic gloves
- Tire gauge
- Air pressure gauge
- Pry bar set (4-6)
- Air blow gun (2 foot long)

OPTIONAL TOOLS

- Standard deepwell 1/4" drive sockets
3/16" to 9/16"
- Ford fuel disconnect tools
- Drill bit set
- Serpentine belt tool
- Trim panel remover set
- Hand Impact driver with set of bits
- Impact deep sockets 6 point standard
9/16" to 1 1/4"
- 1/4" Air ratchet
- 3/8" Air drill
- 1/4" torque wrench



General Education Requirements

Contact your program advisor to select general education courses from each category which will meet your program's graduation requirements. See the General Education pages for a complete list.

(One class from each area below)

Oral Communications	3.0
Written Communications	3.0
Critical Thinking & Problem Solving	3.0
MATH1020	Technical Math

(Plus two classes from the three areas below; no two classes from the same area.)
Global Awareness and Citizenship, Analytical, Quantitative and Scientific Reasoning,
and/or Career and Life Skills.

See catalog for eligible classes.

6.0
15.0 hours

ASSET - Automotive Student Service Educational Training A.A.S. Degree

Course offerings and prerequisites will be determined by the program. A grade of "C" (2.0) or higher in all ASST classes is required to progress through the program.

Course #	Course title	Credit hrs
ASST1101	Ford Safety, Fundamentals & Chassis	6.0
ASST1175	Ford Electrical I & HVAC	6.0
ASST1360	Ford Engine Performance	6.0
ASST1901	Dealer Cooperative Experience	5.0
ASST2365	Ford Engine Repair & Diesel Systems	6.0
ASST2747	Ford Electrical II & New Prod. Updates	6.0
ASST2758	Ford Drivelines	6.0
ASST2901	Dealer Cooperative Experience	5.0
WELD1190	O/A and GMAW Welding	1.0
		47.0 hours

Students are required to provide or purchase a basic tool set during the first semester. A required tool list and more information can be acquired online or by contacting the program.

Students are required to wear program uniforms while in classroom or laboratory settings.



* See Instructor

** May be purchased at the Campus Store or Parts Store on the Milford Campus.

REQUIRED TOOLS Plus Tool Cabinet (maximum 42" long)

ASSET reserves the right to change or modify list at anytime.