

2021
2022

YOUR FUTURE. YOUR CHOICE.

www.southeast.edu/JohnDeereTech

CHOOSE YOU!

STEM



Power up your career as a successful technician by enrolling in SCC's John Deere Tech program. The College has been a proud partner with Deere & Company since 1989 and was the first of its kind in the U.S. SCC has trained entry-level technicians for the company's vast network of dealerships ever since.

Our instructors have completed extensive John Deere technician training, and you'll have the opportunity to work on the latest equipment and technology.

Our program is designed to upgrade your technical competence on machinery that continues to get more sophisticated as you begin your career at a John Deere dealership.



Credit hours required for graduation:

John Deere Tech
»Associate of Applied Science71



Scan this code to access the course listing

For more information contact:

Spencer Frazier, Program Director
402-761-8298
sfrazier@southeast.edu

or the Admissions Office at
402-437-2600
admissions@southeast.edu



SCC is the Right Choice

- You will receive classroom lecture and real-life laboratory experiences on John Deere products at our Milford Campus and a unique opportunity to work at a John Deere dealership.
- Each specialized subject is studied in the classroom and laboratory on campus, followed by related work experience at the dealership.
- Classroom instruction covers the basics as well as the latest developments in all John Deere agricultural and consumer products.

More about the program

- Prior to entering the program, you will secure a sponsoring John Deere dealer and continue employment at that dealership after graduation.
- Receive hands-on learning in an outstanding facility that can accommodate several pieces of large equipment.
- You'll use the newest John Deere tools on the newest John Deere equipment.
- You'll use John Deere websites for information and service and have access to all John Deere resources.
- Learn about engines and fuel systems; hydraulics and power trains; electrical and electronics; tillage, seeding and harvesting equipment; HVAC systems; and oxy acetylene and gas metal arc welding.

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.

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» Career Options

- John Deere dealership technician

Recent Graduates

report a yearly average starting salary of

\$36,400

2021-2022 estimated expenses to graduate with an award of 71 credit hours.

| | |
|----------------------------------|-----------------|
| Resident | |
| Tuition/Fee Rate Per Credit Hour | \$114 |
| Resident Tuition/Fees | \$8,094 |
| Books | \$675 |
| Supplies | \$300 |
| Tools | \$6,880 |
| Total: | \$15,949 |
| Non-Resident | |
| Tuition/Fee Rate Per Credit Hour | \$135 |
| Non-Resident Tuition/Fees | \$9,585 |

John Deere Tech Program - Required Basic Tool List

SPECIAL NOTE: The second day of the term the student is required to have in their possession the following named tools: Do NOT PURCHASE from a vendor that must order & deliver at a later date!

- *1 - Fluke Model 87 Multimeter (NO SUBSTITUTES)
- 1 - 0 to 1" Micrometer (Starrett brand) (Non-digital, Electronic or Mechanical) (Check w/instructor before purchasing for requirements if you have questions)

REQUIRED TOOLS 1ST TERM

- *1 - Safety Glasses (must meet Z87 specs.)
- 1 - Service Tool Box (Maximum 4,500 cubic inch storage size)
- 1 - Combination Pliers
- 1 - 6" Needle Nose Pliers
- 1 - 7" Diagonal Pliers
- 1 - 10" Vise Grip Pliers w/cutter
- 1 - 'O' Ring Tool Picks Long and Short
- 1 - 6" Steel Rule
- 1 - Hacksaw w/blades
- 1 - 1 lb. Ball Peen Hammer
- 1 - .0015" - .030" Feeler Gauge Set
- 1 - 10" Half Round File w/handle
- 1 - 10" Single Cut Mill File w/handle
- 1 - 8" x 5/16" Round File w/handle
- 1 - File Card
- 1 - 1 1/2" Flat Tip Screwdriver
- 1 - 2 7/8" Flat Tip Screwdriver
- 1 - 4" Flat Tip Screwdriver
- 1 - 6" Flat Tip Screwdriver
- 1 - 8" Flat Tip Screwdriver
- 1 - No. 1 Phillips Screwdriver
- 1 - No. 2 Phillips Screwdriver
- 1 - No. 3 Phillips Screwdriver
- 1 - No. 4 Phillips Screwdriver
- 1 - Center Punch
- 1 - Electrical Pliers, Wire Crimper/Cutter/Stripper
- 1 - Test Lead Set (Snap-On MT300 or equivalent)
- **1 - Electrical Test Lead Kit
- 1 - Twist Drill Index 1/16" to 1/2" by 64ths
- 1 - Ear Protection
- 1 - Dial Caliper 6" (non-digital)
- 1 - 3/8" Drive Socket Set (3/8" to 7/8") including Ratchet, Long Handle, 4" & 6" Extensions, Long Flex Handle, Speed Handle & Universal Joint (12 point sockets)
- 1 - 3/8" Drive Metric Socket Set (8mm to 19mm) 12 point
- 1 - Combination Wrenches (3/8" to 1")

OPTIONAL TOOLS:

- 1 - 3/8" Air Impact Wrench
- 1 - 1/2" Air Impact Wrench
- 1 - Metric Angle Head Open End Wrench Set (10mm to 19mm)
- 1 - English Angle Head Open End Wrench Set (3/8" to 1 1/4")
- 1 - Impact U-Joint/Swivel - 1/2" Drive
- 1 - Roll Pin Punch Set - 12 Piece Set (Snap-On PPR712K or equivalent)
- 1 - Air Operated Right Angle Driver/ Grinder (Gasket Removal)

REQUIRED TOOLS 2ND HALF OF FIRST TERM

- *1 - Welding Gloves
- *1 - Oxyacetylene Welding Headgear w/Face Shield
- #5 Lens, also clear face shield for general shop eye protection while grinding, buffing, etc.
- *1 - Arc Welding Helmet w/#10 Lens and 2 clear plastic lenses
- *1 - Chipping Hammer w/Steel Brush
- 1 - Roll-A-Way Tool Box (Top Chest Optional) (**Maximum 55" long**— 55" includes hang/add on boxes)
- 1 - 6 Point Flare Nut Wrench 1/4"- 5/16"
- 1 - 6 Point Flare Nut Wrench 3/8"- 7/16"
- 1 - 6 Point Flare Nut Wrench 1/2"- 9/16"
- 1 - 6 Point Flare Nut Wrench 5/8"- 3/4"
- 1 - 1/2" Drive 3/4" Flare Nut Socket (6 Point)
- 1 - Metric Allen Wrench Set (Socket option)
- 1 - 20" Rolling Head Bar
- 1 - 16" Pry Bar
- 1 - 24" Pry Bar
- 1 - 30" Pry Bar
- 1 - Tire Pressure Gauge (100 psi capacity)
- 1 - Machine Hammer (3 lb. or 4 lb.)
- 1 - 3/8" Drive Impact Flex Socket Set (7/16" to 3/4" 6 Point)
- 1 - Bearing Race Punch (MAC PB37L or equivalent)
- 1 - John Deere Starter Wrench (JDE80 acquired from JD Dealer)
- 1 - Seal Puller Snap-On YA105 (or equivalent)
- 1 - Telescopic Handled Mirror
- 1 - Water Pump or Channel Lock Pliers
- 1 - Internal/External Snap Ring Pliers Kit - reversible (not interchangeable) tips
- 1 - 4" Vise Grip Pliers w/cutter
- 1 - 6" Vise Grip Needle Nose Pliers
- 1 - Allen Wrench Set, SAE (Socket option)
- 1 - Penlight (LED recommended)
- 1 - Ignition Wrench Set (7/32" - 3/8" range)
- 1 - 16" Rolling Head Bar
- 1 - Compothane "Dead Blow" Hammer, 2 or 3 lb.
- 1 - Gasket Scraper (minimum 1" wide, short length)
- 1 - Dial Indicator w/Heavy-Duty Magnetic Base (Starrett brand) (1" Travel in 1" increments)

- 1 - Air-Conditioning R-134A Gauge/ Manifold/Hose set
- 1 - Air Die Grinder
- 1 - 1/4" Drive Inch-Pound Torque Wrench
- 1 - Allen Socket Set (SAE & Metric)
- 1 - Torx Socket Set (T8 to T55)
- 1 - 3/8" Drive Deep & Shallow Impact Socket Set (3/8" to 7/8")
- 1 - 3/8" Drive Metric Deep & Shallow Impact Socket Set (8mm to 24mm)

- 1 - Telescoping Magnet
- 1 - Air Conditioning Duct Thermometer (Infrared thermometer option)
- 1 - Brass Drift (3/4" Diameter)
- 1 - 1/8" Pin Punch
- 1 - 5/32" Pin Punch
- 1 - 3/16" Pin Punch
- 1 - 1/4" Pin Punch
- 1 - 1/8" Starting Punch
- 1 - 1/4" Starting Punch
- 1 - 3/8" Cold Chisel
- 1 - 1/2" Cold Chisel
- 1 - 3/4" Cold Chisel
- 1 - Air Chuck (for inflating tires)
- 1 - Combination Wrenches (1 1/16" to 1 5/16")
- 1 - Metric Combination Wrench Set (8mm to 32mm)
- 1 - 1/4" Drive Socket Set (1/4" to 1/2") including Ratchet, Short Extension, Drive Handle, & Univ. Joint (6 pt. sockets)
- 1 - 1/2" Drive Socket Set (3/8" to 1 5/16") including Long Handle Ratchet, 3" & 6" Extensions Approximately 24" Flex Handle, & Universal Joint (12 point sockets)
- 1 - 1/4" Drive Metric Socket Set 6 point (4mm to 15mm)
- 1 - 1/2" Drive Metric Socket Set (10mm to 32mm) 12 point
- 1 - 3/8" to 1/4" Adapter
- 1 - 1/4" to 3/8" Adapter
- 1 - 3/8" to 1/2" Adapter
- 1 - 1/2" to 3/8" Adapter
- 1 - 1/2" Drive Torque Wrench (250 ft. lb.)
- 1 - 3/8" Drive Torque Wrench (100 ft. lb.)
- 1 - Flat Nose Snap Ring Pliers (14" long/ 1 1/2" opening/wide jaw)
- 1 - Flat Nose Snap Ring Pliers (14" long/ 1 1/2" opening/narrow jaw)
- 1 - Pistol Grip Air Gun w/rubber tip

- 1 - 1/2" Drive Deep & Shallow Impact Socket Set (1/2" to 1 1/2")
- 1 - 1/2" Drive Metric Deep & Shallow Impact Socket Set (19mm to 32mm)
- 1 - 3/8" & 1/2" Impact Extensions
- 1 - 1/2" to 3/4" Adapter
- 1 - Tap & Die Set
- 1 - Infrared Thermometer
- 1 - Air Hammer with Bits

A tool set is required for successful completion of the program and required as an entry level technician. Tools may be purchased from a vendor of the individual's choosing. Vendors are available and offer students a discount (determined by each vendor). The cost of tools will vary depending on which vendor is selected. As each term has different requirements for tools, some terms will exceed the estimate listed above and some terms will be below the listed estimate.

* May be purchased at the Campus Store. ** Purchase from the Campus Parts Store.