



Personality + Career

Students in the John Deere Tech program are problem solvers and like challenges. They have a natural mechanical ability and are detail oriented. They are also self-motivated, good team players, trustworthy, dedicated, and are interested in agriculture.

Program	Credential	What do students learn in the program?	What do students earn?	Career Opportunities	Are graduates prepared for/ to complete exams for specific credentials/ licensing/ certifications at the end of the program?	Required Tools, Supplies, and Uniforms
John Deere Tech	Associate of Applied Science	Students learn to service engine and fuel systems, hydraulics and power trains, electrical and electronics, tillage, seeding, and harvesting equipment, and heating and air conditioning issues exclusively on John Deere equipment. Students will also learn oxy acetylene and gas metal arc welding.	\$18.60 per hour, or \$38,688 annually	Entry-level John Deere Tech at a John Deere dealership.	No	Tools are required. List is provided. A uniform is required and is often provided by the student's sponsoring dealer.



John Deere Tech

» southeast.edu/johndeereotech



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.

» 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

Program Contact Information

Spencer Frazier, Program Chair
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The SCC Experience

- » The SCC John Deere Tech program provides students with classroom lectures taught by industry experts and real-life laboratory experiences on John Deere products at our Milford Campus and by working in a John Deere dealership. Prior to entering the program, students secure a sponsoring John Deere dealer and continue employment at that dealership after graduation. This partnership equips students with unmatched training and a strong foundation for career success.
- » Students learn using the newest John Deere tools and equipment. John Deere provides students with learning opportunities on a variety of equipment to ensure they arrive at the dealership ready to make an impact. Additionally, students are registered with John Deere University and have access to John Deere websites and resources, putting them on track to be an advanced technician.
- » The John Deere Tech program is committed to hands-on experiences to help students develop their skills. Students spend 40% of their time in the classroom learning important theory to support the other 60% of the time that is spent in the lab working on equipment. During the summer term, students will spend 100% of their time working in their sponsoring dealership on live projects.
- » Students have the opportunity to work on all types of equipment and will visit John Deere World Headquarters in Moline, IL. Students in the program learn the professionalism and customer service skills expected of John Deere employees, preparing them to enter the workforce with a unique combination of technical and communication abilities to serve customers.



Related Programs at SCC:

- Agriculture Management & Production (Agronomy focus)
- Automotive Technology
- Deere Construction and Forestry Equipment Tech
- Diesel-Ag Equipment Service Technology
- Diesel Technology-Truck
- Ford Automotive Student Service Educational Training Program
- General Motors Automotive Service Educational Program
- Powersports Technology
- Precision Agriculture
- Professional Truck Driving
- Technical Skills Instructor

Program	Credential	Location	Credit Hours Required	Resident cost*	Non-Resident 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	Number of Semesters Required - Part Time	Is Summer Term Required for Part Time?	Class Schedule
John Deere Tech	Associate of Applied Science	Milford	71	\$16,282	\$17,773	Fall	4	Yes; students will complete a Cooperative Experience in the summer term.	No	No	No	N/A	No	Monday – Thursday, 8 am–4 pm, Friday, 8 am–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.

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 SEMESTER

- *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")

REQUIRED TOOLS 2ND SEMESTER

- *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 - 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

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)
- 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)

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.