



## 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.	\$21.20 per hour, or \$44,096 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.



### » Your Next Steps to Choose SCC

- ▶ Schedule a Campus Visit - [southeast.edu/visit](https://southeast.edu/visit)
- ▶ Explore career options with an Admissions Counselor - [southeast.edu/admissionsadvising](https://southeast.edu/admissionsadvising)
- ▶ Apply - [southeast.edu/applynow](https://southeast.edu/applynow)

### » Paying for SCC

- ▶ Free Application for Federal Student Aid (FAFSA) - [studentaid.gov/h/apply-for-aid/fafsa](https://studentaid.gov/h/apply-for-aid/fafsa)
- ▶ Scholarships - [southeast.edu/scholarships](https://southeast.edu/scholarships)
- ▶ Payment Plan - [mycollegepaymentplan.com/southeast](https://mycollegepaymentplan.com/southeast)
- ▶ Veteran Education Benefits - [southeast.edu/veterans-services](https://southeast.edu/veterans-services)
- ▶ GAP Assistance Program - [southeast.edu/gap](https://southeast.edu/gap)
- ▶ Children of State Teammate Tuition Reimbursement Program - [southeast.edu/children-of-state-teammate-tuition-reimbursement-program](https://southeast.edu/children-of-state-teammate-tuition-reimbursement-program)



Scan this code to find out more about John Deere Tech

### Contact Admissions to get started!

402-437-2600, 800-642-4075 ext. 2600

✉ [admissions@southeast.edu](mailto:admissions@southeast.edu)



2024-2025 / » [southeast.edu](https://southeast.edu)

## John Deere Tech



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.

### For more information:

David Crowe, Program Chair

402-761-8327

✉ [dcrowe@southeast.edu](mailto:dcrowe@southeast.edu)



# 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 providing 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	Tuition/Fees*	Books/ Fees/ Supplies	Tools	Total Cost*	Starting Term(s)	Number of Semesters Required - Full Time	Is Summer Term Required for Full Time?	Class Schedule
John Deere Tech	Associate of Applied Science	Milford	71	R- \$8,733 NR- \$10,224	\$10,869	\$10,000	R- \$19,602 NR- \$31,093	Fall	4	Yes; students will complete a Cooperative Experience in the summer term.	Monday – Thursday, 8 am–4 pm, Friday, 8 am–Noon

\*R=Resident, NR=Non-resident. Costs listed are estimates and are subject to change based on the market price of books, supplies, tools, uniforms, etc. Estimated costs also include tuition and fees. Additionally, days/times of week for class, lab, clinical/practicum are subject to change based on curriculum, facilities, instructor, and site availability. Actual program schedules will be provided prior to each enrolled term. There is no online or part-time option available.

## 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

#### REQUIRED TOOLS 1ST SEMESTER

##### Miscellaneous

- Tool bag 18" limit
- Pocket screwdriver
- Magnetic pick-up tool (telescoping)
- Telescoping Inspection mirror
- Pen/mini flashlight
- Air conditioning duct thermometer
- Air chuck (for tire inflation)
- Tire gauge 0-100psi
- Pistol grip rubber tipped blow gun
- 4-piece pick set

- Battery terminal cleaner
- Battery terminal spreader pliers
- Small wire brush
- \*Safety glasses Z87 rated (3 pairs) (clear lenses only!)
- \*Ear protection (optional)

##### Measuring tools

- 6" steel rule combination mm and 64th graduations
- Feeler gauge set .0015"-.030" (min)
- Angle Feeler gauge set .0015"-:-.030"(min)
- Thread pitch gauge set SAE
- Thread pitch gauge set Metric

- 6" dial caliper stainless steel (non-electric)
- \*Starrett Micrometer 0-1" (non-electric)
- \*\*Plastic bolt gauge (SCC parts store)
- Drill bit set 1/16"-1/2" x 64ths

##### Electrical testing equipment

- \*Fluke 87V multimeter (no substitutions)
- \*\*Electrical test lead kit (SCC parts store)
- Additional Test lead kit (MTLL300 Snap-On or equivalent)

#### REQUIRED TOOLS 2ND SEMESTER

##### Tool Box

- Roll cab tool box (MAX 56" width including hang/add on boxes etc)

##### Wrenches

- Combination wrenches SAE 1/4"-1 1/4" 12pt
- Combination wrenches Metric 8mm-32mm 12pt
- Flare nut wrenches SAE 1/4",5/16",3/8",7/16",1/2",9/16",5/8",3/4" 6pt
- Metric allen wrench set
- SAE allen wrench set
- John Deere Starter wrench JDE80 (acquired from John Deere dealer)
- Ignition wrench set 7/32"-3/8" range

##### Sockets – 1/4" Drive

- SAE socket set 1/4"-9/16" shallow 6pt
- SAE socket set 1/4"-9/16" deep 6pt
- Metric socket set 5-14mm shallow 6pt
- Metric socket set 5-14mm deep 6pt
- Ratchet
- 2" and 4" or 6" extension
- universal joint
- 1/4" to 3/8" adapter

##### Sockets – 3/8" Drive

- SAE socket set 3/8"-7/8" shallow (6pt or 12pt)
- SAE socket set 3/8"-7/8" deep 6pt or 12pt)
- Metric socket set 8mm-19mm shallow (6pt or 12pt)
- Metric socket set 8mm-19mm deep (6pt or 12pt)
- Ratchet
- Long flex handle ratchet
- 4" and 6" extensions
- universal joint
- 3/8" to 1/4" adapter
- 3/8" to 1/2" adapter
- 3/8 drive Torque wrench (Click type or digital) 100 ftlb

##### Sockets – 1/2" Drive

- SAE socket set 3/8"-1 1/4" shallow (6pt)
- SAE socket set 3/8"-1 1/4" deep (12pt)
- Metric socket set 10mm-32mm shallow (6pt)
- Metric socket set 10mm-32mm deep (12 pt)
- Ratchet
- 3" and 6" extensions
- 24" breaker bar
- 1/2"-3/8" adapter
- universal joint
- 1/2" drive 3/4" flare nut socket 6pt
- 1/2" Torque wrench (Click type or digital) 250 ftlb

##### Pliers

- 6" needle nose pliers
- 7" diagonal pliers
- 6" combination pliers
- 12" water pump pliers (aka channel lock pliers)
- Flat nose retaining ring pliers 9" straight tip
- Flat nose retaining ring pliers 9" angled tip
- Internal/External snap ring plier set reversible (non interchangeable tips)
- 4" vice grip pliers
- 6" vice grip pliers needle nose
- 10" vice grip pliers
- electrical pliers cutter/stripper/crimper

##### Screwdrivers

- No. 1 Phillips screwdriver
- No. 2 Phillips screwdriver
- No. 3 Phillips screwdriver
- No. 4 Phillips screwdriver
- Flat tip screwdriver 1 1/2" long
- Flat tip screwdriver 2 7/8" long
- Flat tip screwdriver 4" long
- Flat tip screwdriver 6" long
- Flat tip screwdriver 8" long
- (Note: most 8 piece screwdriver sets will have all but the No. 4 Phillips)

##### Pry Bars

- Pry bat curved 12"-16"
- Pry bar curved 16"-24"
- Pry bar curved 24"-30"
- Rolling head pry bar 12"
- Rolling head pry bar 16"
- Rolling head pry bar 21"

##### Hammers, Punches, Chisels

- 16 oz. ball pien hammer
- 32oz Dead blow hammer (composite)
- Brass drift (3/4" diameter)
- center punch
- pin punches 1/8",5/32",3/16",1/4"
- Starter punches 1/8" and 1/4"
- Cold Chisels 3/8",1/2",3/4"
- Bearing race punch 18" (Mac tools PB37L or equivalent)
- 3-4 lb short handle sledge hammer (approx. 12")

##### Files

- 10" Half Round File w/handle
- 10" Single Cut Mill File w/handle
- 8" x 5/16" Round File w/handle
- File Card (for cleaning files)

##### Miscellaneous Tools

- Gasket scraper 1" wide blade short length
- Seal puller (Blue point YA105 or equivalent)
- Hacksaw w/extra blades 12"

##### Welding

- \*Arc welding helmet with #10 lens with 2 clear plastic lenses (or electronic)
- \*Welding gloves
- \*Oxy/acetylene welding face shield w/head gear #5 shade lens
- \*Clear face shield and eye protection for grinding metal etc.
- \*Chipping hammer
- \*Steel wire brush

#### OPTIONAL TOOLS

- 3/8" drive impact wrench (air or cordless)
- 1/2" drive impact wrench (air or cordless)
- 3/8" drive impact swivel
- 1/2" drive impact swivel
- 3/8" drive impact extensions
- 1/2" drive impact extensions
- 1/2"-3/4" impact adapter
- 3/8" drive impact sockets shallow and deep SAE (3/8"-3/4")

- 3/8" drive impact sockets shallow and deep Metric (10mm-19mm)
- 1/2" drive impact sockets shallow and deep SAE (1/2"-1 1/2")
- 1/2" drive impact sockets shallow and deep Metric (13mm-32mm)
- 3/8" drive swivel impact sockets SAE (3/8"-3/4")
- 3/8" drive swivel impact sockets Metric (10mm-19mm)

- 1/2" drive swivel impact sockets SAE
- 1/2" drive swivel impact sockets Metric
- die grinder straight
- die grinder 90 degree
- Air hammer with bits
- Allen socket set SAE and Metric
- Torx socket set (T8-T55)
- Angle head wrench set SAE (1/2"-1 1/4")

- Angle head wrench set Metric (10mm-19mm)
- Roll pin punch set 12 piece (snap on PPR712K or equivalent)
- R134 A/C manifold gauge set
- Infrared thermometer
- Tap and die set SAE and Metric
- 1/4" drive inch pound torque wrench

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.