



Associate of Applied Science Degree

Credit Hours Required for Graduation:
Associate of Applied Science Degree: 74.0

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course listing



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A0732 - JD (09/20)

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.

Why SCC?

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.



- 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

"AKRS Equipment's partnership with SCC's John Deere Tech program has proven to be very beneficial for our service department. When our technicians graduate from the program, they have completed the core classes which gives them the knowledge of John Deere systems. This gives them the confidence and skills needed to service our customers' equipment."

-Mike Siroky, Service Manager
AKRS Equipment, David City, Nebraska



Top Career Options

- John Deere dealership technician

Graduate Earnings

Recent graduates report an average starting salary of \$36,608 per year.

2020-2021 Resident Estimated Expenses

Tuition/Fee Rate Per Credit Hour	\$111
Resident Tuition/Fees	\$8,214
Books	\$674
Supplies	\$300
Tools	\$6,880
Total:	\$16,068
Non-Resident Tuition/Fee Rate Per Credit Hour	\$132
Non-Resident Tuition/Fees	\$9,768

John Deere Tech Program - Required Basic Tool List

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. The discounts are determined by each vendor.

The cost of tools will vary depending on which vendor is selected. Each term has different requirements for tools.

NOTE: Tools may be purchased from vendors on campus. This includes first and second terms.

REQUIRED TOOLS 1ST TERM

- *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)
- *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 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 - 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