Are you interested in becoming a Deere Construction equipment technician? Would you like to learn all aspects of equipment repair, including electrical/electronics, fuel systems, engine operation, HVAC, power trains, hydraulics, and more?

SCC has a great partnership with Deere Construction & Forestry, and this program will prepare you to be a successful entry-level service technician at a dealership.

SCC is the Right Choice

- You'll divide your time between the classroom and lab at the Milford Campus and at your sponsoring Deere Construction & Forestry dealership, applying what you learned on campus.
- You'll take courses through John Deere University and will successfully complete Levels 1 & 2 Construction & Forestry Equipment classes to qualify for graduation.
- You'll learn all facets of Deere Construction and Forestry equipment, from backhoes, excavators, dozers, loaders, motor graders, scrapers to articulated dump trucks.
- Graduates typically continue employment with their sponsoring dealership, so it's truly an “earn-as-you-learn” program.

Career Options

- Construction Equipment Technician at a Deere construction and forestry equipment dealership

Recent Graduates report a yearly average starting salary of $55,016

Credit hours required for graduation:
- Associate of Applied Science ......... 66.5

2021-2022 estimated expenses to graduate with an award of 66.5 credit hours.

Resident
- Tuition/Fee Rate Per Credit Hour $114
- Resident Tuition/Fees $7,581
- Books $1,300
- Tools $8,455
- Total: $17,336

Non-Resident
- Tuition/Fee Rate Per Credit Hour $135
- Non-Resident Tuition/Fees $8,977.50

Equal Opportunity/Non-Discrimination 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.

This publication should not be considered a contract between SCC and any prospective student. SCC's Board of Governors reserves the right to make changes to this publication during the life of the publication and without notice.

A0715 - DCFE (08/21)
Deere Construction & Forestry Equipment Tech - 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.

Students must have in their possession the following two tools by day two! ** DO NOT PURCHASE from a vendor that must order and deliver at a later date!

- **1** Scientific Calculator
- **1** Safety Glasses (must meet Z87 specs.)
- **1** Roll-A-Way Tool Box (Top Chest
  Optional) (Maximum 55" long – 55" includes hang/add on boxes)
- **1** Combination Pliers
- **1** 6" Needle Nose Pliers
- **1** Water Pump or Channel Lock Pliers
- **1** Internal/External Snap Ring Pliers Kit – reversible (not interchangeable) tips
- **4** Vise Grip Pliers w/cutter
- **6** Vise Grip Needle Nose Pliers
- **10** Vise Grip Pliers w/cutter
- **1** Allen Wrench Set, English
- **1** "O" Ring Tool Kit
- **1** Penlight
- **1** 6" Steel Rule
- **1** Ignition Wrench Set (7/32" - 3/8" range)
- **1** Hacksaw w/blades
- **1** 16" Rolling Head Bar
- **1** 1 lb. Ball Peen Hammer
- **1** Compothane “Dead Blow Hammer, 3 lb. minimum
- **1** .0015" - .030" Feeler Gauge Set – 55" includes hang/add on boxes
- **1** 1 1/2" Drive Impact Deep Socket (6 Point)
- **1** 1 1/2" Drive Flare Nut Socket Set (6 Point)
- **1** 1 1/2" Drive 5/8" Flare Nut Socket (6 Point)
- **1** 1/4" Flat Tip Screwdriver
- **1** 1/2" Flat Tip Screwdriver
- **1** 6" Flare Nut Screwdriver
- **1** 8" Flare Nut Screwdriver
- **1** No. 1 Phillips Screwdriver
- **1** No. 2 Phillips Screwdriver
- **1** No. 3 Phillips Screwdriver
- **1** No. 4 Phillips Screwdriver
- **1** Dial Indicator w/Magnetic Base
- **1** Telescoping Magnet
- **1** Air Conditioning Duct Thermometer
- **1** Brass Drift (3/4" Diameter)
- **1** Center Punch
- **1** 1 1/8" Pin Punch
- **1** 5/32" Pin Punch
- **1** 3/16" Pin Punch
- **1** 1/4" Pin Punch
- **1** 1 1/8" Starting Punch
- **1** 3/8" Cold Chisel
- **1** 1/2" Cold Chisel
- **1** 3/4" Cold Chisel
- **1** Air Chuck (for inflating tires)
- **1** Electrical Pliers, Wire Crimper/Cutter/Stripper
- **1** Welding Gloves
- **1** Oxycyylene 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/1010 Lens and 2 clear plastic lenses
- **1** 1/2" Drive 5/8" Flare Nut Socket (6 Point)
- **1** 1/2" Drive Metric Combination Wrench Set (3/8" to 1 1/16")
- **1** Combination Wrenches (3/8" to 1 1/16")
- **1** Metric Combination Wrench Set (8mm to 24mm)
- **1** Chipping Hammer w/Steel Brush
- **1** Electrical Test Lead Kit
- **1** Tool Set (10mm to 19mm, 12 point)
- **1** 1 1/4" Drive Socket Set (1/4" to 1 1/2") including Ratchet, Short Extension, Drive Handle, and Universal Joint (6 point sockets)
- **1** 3/8" Drive Socket Set (3/8" to 7/8") including Ratchet, Long Handle, 4", 6" Extensions, Long Flex Handle, Speed Handle and Universal Joint (12 point sockets)
- **1** 1/2" Drive Socket Set (3/8" to 1 5/16") including Long Handle Ratchet, 3", 6" Extensions Approximately 24" Flex Handle, and Universal Joint (12 point sockets)
- **1** 3/8" Drive Deep Socket Set (English) (6 point)
- **1** 1/2" Drive Deep Socket Set (English) (6 point)
- **1** 1 1/4" Drive Metric Socket Set 6 point (4mm to 15mm)
- **1** 3/8" Drive Metric Socket Set (6mm to 19mm) 12 point
- **1** 1/2" Drive Metric Socket Set (10mm to 32mm) 12 point
- **1** 3/8" to 1/4" Impact Adaptor
- **1** 1/4" to 3/8" Impact Adaptor
- **1** 3/8" to 1/2" Impact Adaptor
- **1** 1/2" to 3/8" Impact Adaptor
- **1** 1/2" to 3/4" Impact Adaptor
- **1** 1/2" Drive Torque Wrench (250 ft. lb.)
- **1** Twist Drill Index 1/16" to 1/2" by 64ths
- **1** 3/8" Drive Torque Wrench (100 ft. lb.)
- **1** Flat Nose Snap Ring Pliers (1/4" long/ 1/12" opening/wide jaw)
- **1** Flat Nose Snap Ring Pliers (1/4" long/ 1/12" opening/narrow jaw
- **1** Pistol Grip Air Gun w/rubber tip
- **1** Air Conditioning Service Wrench (1/4" to 3/16" square drive on one end with 1/2" to 9/16" Hex on opposite end)
- **1** 6" Dial Caliper
- **1** Ear Protection
- **1** Thread Pitch Gage (English)
- **1** Thread Pitch Gage (Metric)
- **1** Angle Feeler Gauge Set
- **1** Stop Watch
- **1** Crow’s Feet Set, Straight to 1/12"
- **1** Torx Bit Socket Set (Male)
- **1** Allen Head Socket Set (English) (3/8" drive)
- **1** Allen Head Socket Set (Metric) (3/8" drive)
- **1** Filter Wrench (Big Strap)
- **1** Long Reach Needle Nose Pliers
- **1** Inch Pound Torque Wrench Dial or Beam Type

**ADDITIONAL TOOLS FOR 2ND SEMESTER**

- **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 Flare Nut Socket (6 Point)
- **1** 3/8" Air Ratchet
- **1** 3/8" Air or Electric Impact Wrench
- **1** 3/8" Drive Impact Deep Socket Set (3/8" to 7/8"
- **1** 1/2" Air Impact Wrench
- **1** 3/8" Drive Impact Deep Socket Set (1/2" - 1 1/2"
- **1** 1/2" Drive Metric Impact Socket Set (19mm to 32mm)
- **1** English Angle Head Open End Wrench Set (3/8" to 2"
- **1** 1/2" Drive Allen Sockets (12mm, 14mm, & 17mm)
- **1** Dial or Digital Tire Pressure Gauge w/max 50psi
- **1** 24" Crescent Wrench
- **1** Rechargeable Work Light
- **1** Channel Lock Pliers (LARGE)

**OPTIONAL TOOLS BEGINNING 3RD SEMESTER**

- **1** 1/2" Drive Allen Sockets
- **1** Short combination Wrench Set, English (3/8" - 3/4"
- **1** Combination Wrenches (1 3/8" to 2"
- **1** Long Reach Bearing Race Punch
- **1** 36" Pry Bar
- **1** Gear Wrenches
- **1** Die Grinder
- **1** Air Hammer

* May be purchased at the Campus Store. **May be purchased at the campus Parts Store.