SCC has a great partnership with Deere Construction & Forestry, and this program prepares students to be entry-level service technicians within the dealerships. Graduates typically continue employment with their sponsoring dealership. Students are in the classroom and lab at the Milford Campus, but also apply what they’ve learned at the sponsoring Deere Construction & Forestry dealership.

Students take courses through John Deere University and will successfully complete Levels 1 & 2 Construction & Forestry Equipment classes to qualify for graduation. These classes are assigned throughout the student’s training.

When I attended the Deere Construction and Forestry Equipment Tech program at Southeast Community College, I was met with nothing but energy and enthusiasm. The faculty and staff at this institution are top rate and want their students to be successful. The instructors and staff provided me with the help I needed to achieve my goals. I received training developed specifically for Deere Construction equipment technicians. The specialized training I received prepared me for my career as a technician. This gave me an advantage as I stepped into my career.

I had a head start and was prepared to join the Deere team. This school puts students first. I am so glad I made the decision to attend this program at SCC.”

- Daniel Gascho, Service Manager
Murphy Tractor & Equipment Company

For more information contact:
Doug Reznicek, 402-761-8414
DReznice@southeast.edu or
Chuck Hansen, 402-761-8301
CHansen@southeast.edu
or the College Admissions Office
Milford 402-761-8243, 800-933-7223 ext. 8243

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.

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 in this publication during the life of the publication and without notice.

A0713 – DEET REV1 (12/19)
**General Education Requirements**

Contact your program advisor to select general education courses from each category which will meet your program’s graduation requirements.

See the General Education pages for a complete list. (One class from each area below)

- Oral Communications 3.0
- Written Communications 3.0
- Critical Thinking & Problem Solving 4.0
- PHYS1550 Descriptive Physics

(Plus two classes from the three areas below; no two classes from the same area.)

- Global Awareness and Citizenship, Analytical, Quantitative and Scientific Reasoning, and/or Career and Life Skills.

See catalog for eligible classes. 6.0 16.0 hours

**Deere Construction & Forestry Equipment Tech Courses**

<table>
<thead>
<tr>
<th>Course #</th>
<th>Course title</th>
<th>Credit hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>JDC1110</td>
<td>Deere Orientation and Fundamentals</td>
<td>2.0</td>
</tr>
<tr>
<td>JDC1120</td>
<td>Deere Electrical/ Electronics I</td>
<td>4.0</td>
</tr>
<tr>
<td>JDC1140</td>
<td>Deere Diesel Fuel Systems 2.0</td>
<td></td>
</tr>
<tr>
<td>JDC1150</td>
<td>Deere Theory of Engine Operation and Repair</td>
<td>4.0</td>
</tr>
<tr>
<td>JDC1220</td>
<td>Deere Electrical/ Electronics II</td>
<td>4.0</td>
</tr>
<tr>
<td>JDC1240</td>
<td>Deere HVAC</td>
<td>2.0</td>
</tr>
<tr>
<td>JDC1901</td>
<td>Dealer Cooperative Experience</td>
<td>5.0</td>
</tr>
<tr>
<td>JDC2310</td>
<td>Deere Advanced Fuel Systems &amp; Engine Diagnostics</td>
<td>4.0</td>
</tr>
<tr>
<td>JDC2330</td>
<td>Deere Mechanical Power Trains</td>
<td>5.5</td>
</tr>
<tr>
<td>JDC2350</td>
<td>Deere Hydraulics &amp; Hydrostatic Drives</td>
<td>4.5</td>
</tr>
<tr>
<td>JDC2410</td>
<td>Deere Electrical/ Electronics III</td>
<td>3.0</td>
</tr>
<tr>
<td>JDC2430</td>
<td>Deere Backhoes, Four-Wheel Drive Loaders, Skid Steer Loaders</td>
<td>4.0</td>
</tr>
<tr>
<td>JDC2440</td>
<td>Deere Excavators, Crawler Dozers, Motor Graders</td>
<td>6.0</td>
</tr>
<tr>
<td>WELD1190</td>
<td>O/A and GMAW Welding</td>
<td>1.0</td>
</tr>
<tr>
<td>WELD1191</td>
<td>GMAW and SAWM Industrial Welding Practices</td>
<td>1.5</td>
</tr>
</tbody>
</table>

Students are required to wear program uniforms while in classroom or laboratory settings.

**Basic Tools for Deere Construction & Forestry Equipment Tech Program**

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.

**Tools Required for 1st Semester**

- **Students must have in their possession the following two tools by day two!**
  - **’*1** - Fluke Model B7 or B8 Multimeter (NO SUBSTITUTES)
  - **’*2** - 0 to 1’ Micrometer (Non-digital, Electronic or Mechanical)

  *(Check with instructor before purchasing for requirements)*

  **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)
  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
  1 - 4” Vise Grips Pliers w/cutter
  1 - 6” Vise Grip Needle Nose Pliers
  1 - 10” Vise Grips 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 - Hacksw/Blades
  1 - 16” Rolling Head Bar
  1 - 1 lb. Ball Peen Hammer
  1 - Compothane “Dead Blow” Hammer, 3 lb. minimum
  1 - .005” - .030” Feeler Gauge Set – Flat
  1 - Air Hammer
  1 - Die Grinder
  1 - Gear Wrenches
  1 - Long Reach Bearing Race Punch
  1 - English Angle Head Open End Wrench (3/8” - 1”) & 7/16” (5 point)
  1 - 1/4” Drive Deep Socket Set (English) (6 point)
  1 - 1/4” drive metric socket set 6 point (4mm to 15mm)
  1 - 3/8” Drive Metric Socket Set 6 point (8mm 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” 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 (14” long/ 1/12” opening/narrow jaw)
  1 - Flat Nose Snap Ring Pliers (14” long/ 1/12” opening/wide jaw)
  1 - Pistol Grip Air Gun w/rubber tip
  1 - Air Conditioning Service Wrench (1/4” to 3/8” 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 1/2”
  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

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

**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 - 1/2” Drive 5/8” Flare Nut Socket (6 Point)
- 1 - Metric Allen Wrench Set
- 1 - 20” Rolling Head Bar
- 1 - 16” Pinch 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 Impact Socket Set (7/16” to 3/4” 6 Point)
- 1 - 3/8” Drive Impact Flex Impact Socket Set (10mm to 19mm 6 Point)
- 1 - Inch Pound Torque Wrench (32mm)
- 1 - 1/2” Drive Allen Sockets (1/2, 9/16, & 5/8)
- 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 - 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 - 1/2” Drive Impact Deep Socket Set (1/2” - 1 1/2”)
- 1 - 1/2” Drive Impact Metric Socket Set (19mm to 32mm)
- 1 - English Angle Head Open End Wrench Set (3/8” to 2”) & 7/16”
- 1 - 36” Pry Bar
- 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 - Gear Wrenches
- 1 - Die Grinder
- 1 - Air Hammer

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