



Associate of Applied Science Degree

Credit Hours Required for Graduation:
Associate of Applied Science Degree: 68.5

Scan this code
to access the
course listing



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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

Graduates typically continue employment with their sponsoring dealership, so it's truly an "earn-as-you-learn" program.

- 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 trucks

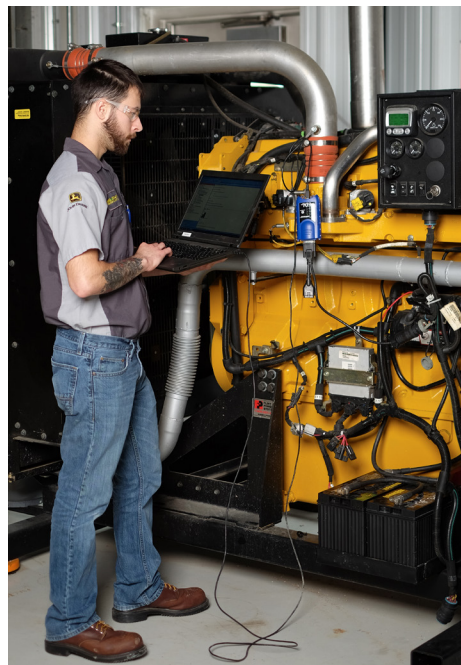


"When I attended the Deere Construction and Forestry Equipment Tech program at Southeast Community College, I was met with nothing but energy and enthusiasm. The faculty and staff at this institution

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



Scan this code to
visit our program
web page!



Top Career Options

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

Graduate Earnings

Recent graduates report an average starting salary of \$53,144 per year.

2020-2021 Resident Estimated Expenses

Tuition/Fee Rate Per Credit Hour	\$111
Resident Tuition/Fees	\$7,603.50
Books	\$762
Supplies	\$200
Tools	\$7,114
Total:	\$15,679.50

Non-Resident Tuition/Fee Rate Per Credit Hour	\$132
Non-Resident Tuition/Fees	\$9,042

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 Fluke Model 87 or 88 Multimeter (NO SUBSTITUTES)
- **1 0 to 1" Micrometer (Non-digital, Electronic or Mechanical)

(Check w/instructor before purchasing for requirements)

TOOLS REQUIRED FOR 1ST SEMESTER

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| <ul style="list-style-type: none"> • *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 • 1 4" Vise Grip Pliers w/cutter • 1 6" Vise Grip Needle Nose Pliers • 1 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 - Flat • 1 Gasket Scraper (minimum 1" wide, short length) • 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 | <ul style="list-style-type: none"> • 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 Dial Indicator w/Magnetic Base (1" Travel Indicator) • 1 Telescoping Magnet • 1 Air Conditioning Duct Thermometer • 1 Brass Drift (3/4" Diameter) • 1 Center Punch • 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 Electrical Pliers, Wire Crimper/Cutter/Stripper • *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 | <ul style="list-style-type: none"> • 1 Combination Wrenches (3/8" to 1 5/16") • 1 Metric Combination Wrench Set (8mm to 24mm) • *1 Chipping Hammer w/Steel Brush • **1 Electrical Test Lead Kit • **1 Steel/Fastener Kit - Hand Tools Project • 1 1/4" Drive Socket Set (1/4" to 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 1/4" Drive Metric Socket Set 6 point (4mm to 15mm) • 1 3/8" Drive Metric Socket Set (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 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) |
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ADDITIONAL TOOLS FOR 2ND SEMESTER

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| <ul style="list-style-type: none"> • 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) | <ul style="list-style-type: none"> • 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.) | <ul style="list-style-type: none"> • 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 Metric Combination Wrenches (25mm to 32mm) • 1 1/2" Drive Allen Sockets (1/2, 9/16, & 5/8) |
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OPTIONAL TOOLS BEGINNING 3RD SEMESTER

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| <ul style="list-style-type: none"> • 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 | <ul style="list-style-type: none"> • 1 1/2" 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") | <ul style="list-style-type: none"> • 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 |
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* May be purchased at the Campus Store. **May be purchased at the campus Parts Store.