

DEERE CONSTRUCTION & FORESTRY EQUIPMENT TECH



Estimated Expenses for 2012-2013

cc *Southeast community college* – Milford Campus

FIRST QUARTER EXPENSES

Tuition and Fees	\$1,381
Books	290
*Tools	7,100
Supplies	300
TOTAL FIRST QUARTER	\$9,071

SECOND QUARTER EXPENSES

Tuition and Fees	\$1,243
Books	305
*Tools	700
TOTAL SECOND QUARTER	\$2,248

THIRD QUARTER EXPENSES

Tuition and Fees	\$663
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COOP QUARTER

TOTAL THIRD QUARTER	\$663
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FOURTH QUARTER EXPENSES

Tuition and Fees	\$1,271
Books	150
TOTAL FOURTH QUARTER	\$1,421

FIFTH QUARTER EXPENSES

Tuition and Fees	\$1,354
Books	250
Tools (may be purchased from optional list)	
TOTAL FIFTH QUARTER	\$1,604

SIXTH QUARTER EXPENSES

Tuition and Fees	\$663
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COOP QUARTER

TOTAL SIXTH QUARTER	\$663
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SEVENTH QUARTER EXPENSES

Tuition and Fees	\$1,437
Books	120
TOTAL SEVENTH QUARTER	\$1,557

Total Estimate for Program **\$17,227**
Deere Construction & Forestry Equipment Tech

* 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. As each quarter has different requirements for tools, some quarters will exceed the estimate listed above and some quarters will be below the listed estimate.

To determine overall costs, students should plan a budget that includes the above expenses as well as room, meals, clothing, laundry, medical care, recreation and entertainment, transportation, insurance, etc.

Tuition is based on a Nebraska Resident rate of \$54 per credit hour and a fee of \$1.25 per credit hour.
For out-of-state tuition costs, the rate is \$66.50 per credit hour with a fee of \$1.25 per credit hour.

Housing is available at the Milford and Beatrice campuses. Quarterly tuition, books and fees are dependent upon classes taken each quarter. All above options require an additional \$25 graduation fee.

The Board of Governors reserves the right to change any or all charges at any time.

DEERE CONSTRUCTION & FORESTRY EQUIPMENT TECH TOOL/SUPPLY LIST

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

TOOLS REQUIRED FOR 1ST & 2ND QUARTERS

(SPECIAL NOTE: The 2nd day of the quarter the student is required to have in their possession the following named tools:

**1 - Fluke Model 87 Multimeter (NO SUBSTITUTES)

**1 - 0 to 1" Micrometer (Non-digital, Electronic or Mechanical)

(Check w/instructor before purchasing for requirements)

** Do **NOT PURCHASE** from a vendor that must order & 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
- 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
- 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, 2 or 3 lb.
- 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
- 1 - 1 1/2" Flat Tip Screwdriver
- 1 - 2 7/8" Flat Tip Screwdriver
- 1 - 4" Flat Tip Screwdriver
- 1 - 6" Flat Tip Screwdriver (Note: Flat Tip Screwdriver Dimension refers to Blade Length)
- 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 - Dial or Digital Tire Pressure Gauge w/max 50psi
- 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
- 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" Adaptor
- 1 - 1/4" to 3/8" Adaptor
- 1 - 3/8" to 1/2" Adaptor
- 1 - 1/2" to 3/8" 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 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
- 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 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)

ADDITIONAL TOOLS FOR 3RD & 4TH QUARTERS:

- 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 Socket Set (7/16" to 3/4" 6 Point)
- 1 - Metric Combination Wrenches (25mm to 32mm)
- 1 - 1/2" Drive Allen Sockets (1/2, 9/16, & 5/8)
- 1 - 1/2" Drive Allen Sockets (12mm, 14mm, & 17mm)

OPTIONAL TOOLS FOR 5TH, 6TH, & 7TH QUARTERS:

- 1 - 3/8" Air Ratchet
- 1 - 3/8" Air 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 Metric Impact Socket Set (19mm to 32mm)
- 1 - 25' Air Hose
- 1 - Metric Angle Head Open End Wrench Set (10mm to 19mm)
- 1 - English Angle Head Open End Wrench Set (3/8" to 2")
- 1 - Channel Lock Pliers (LARGE)
- 1 - 36" Pry Bar
- 1 - Short combination Wrench Set, English (3/8" - 3/4")

* **MAY BE PURCHASED AT THE CAMPUS BOOKSTORE.**

** **PURCHASE FROM THE CAMPUS PARTS STORE.**