



JOHN DEERE TECH

Estimated Expenses for 2012-2013

cc *Southeast community college* – Milford Campus

FIRST QUARTER EXPENSES

Tuition and Fees	\$1,381
Books	250
*Tools	1,350
Supplies	100
TOTAL	\$3,081

SECOND QUARTER EXPENSES

Tuition and Fees	\$1,354
Books	460
*Tools	5,100
TOTAL	\$6,914

THIRD QUARTER EXPENSES

Tuition and Fees	\$663
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COOP QUARTER

TOTAL	\$663
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FOURTH QUARTER EXPENSES

Tuition and Fees	\$1,575
Books	230
TOTAL	\$1,805

FIFTH QUARTER EXPENSES

Tuition and Fees	\$1,658
Books	100
TOTAL	\$1,758

SIXTH QUARTER EXPENSES

Tuition and Fees	\$663
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COOP QUARTER

TOTAL	\$663
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SEVENTH QUARTER EXPENSES

Tuition and Fees	\$1,437
Books	165
TOTAL	\$1,602

Total Estimate for Program **\$16,486**
John Deere 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.

JOHN DEERE TECH TOOL/SUPPLY LIST

NOTE: Tools may be purchased from vendors on campus.

TOOLS REQUIRED FOR 1ST QUARTER

(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 - 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 Pick
- 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 - 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 - Test Lead Set (Snap-On MT300 or equivalent)
- ** 1 - Electrical Test Lead Kit
- ** 1 - Engine Lift Kit Materials
- 1 - Twist Drill Index 1/16" to 1/2" by 64ths
- 1 - Ear Protection
- 1 - Thread Pitch Gage (English)
- 1 - Thread Pitch Gage (Metric)
- 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

TOOLS REQUIRED FOR 2ND QUARTER

- *1 - Scientific Calculator
- 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 - 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 - 24" 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 - Bearing Race Punch (MAC PB37L or equivalent)
- 1 - John Deere Starter Wrench (JDE 80 or equivalent)
- 1 - Seal Puller Snap-On YA105 or equivalent)
- 1 - Telescopic Handled Mirror
- 1 - Valve Guide/Oil Passage/Injection Nozzle Brush Set
- 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, English
- 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 (1" Travel in 1" increments)
- 1 - Telescoping Magnet
- 1 - Air Conditioning Duct Thermometer
- 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 (3/8" 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, & Universal Joint (6 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, & 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" 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 - 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)

OPTIONAL TOOLS:

- 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 1 1/4")
- 1 - Impact U-Joint/Swivel - 1/2" Drive
- 1 - Roll Pin Punch Set - 12 Piece Set (Snap-On PPR712K or equivalent)
- 1 - Air Operated Right Angle Driver/Grinder (Gasket Removal)
- 1 - Air-Conditioning R-134A Gauge/Manifold/Hose set

* MAY BE PURCHASED AT THE CAMPUS BOOKSTORE.

** PURCHASE FROM THE CAMPUS PARTS STORE.