Careers in diesel trucking industries offer a variety of challenging and rewarding opportunities. Graduates can specialize in electrical/electronic systems, power trains, suspension, braking, hydraulics systems and, of course, engine/fuel systems. Many people choose to be masters of all truck systems to personally handle any customer concern. Diesel engines are used in machines that affect every part of our lives, including all types of industrial applications as well as many personal vehicles. In the Diesel Technology-Truck program, you will be trained in all phases of light, medium and heavy over-the-road truck repair. There are tremendous employment opportunities available now and this trend will continue in the future.

Diesel Technology - Truck Courses:
Course offerings and prerequisites will be determined by the program. A grade of "C" or higher in all DESL classes is required to progress through the program.

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<th>Course #</th>
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For more information contact:
Lester Breidenstine, Program Chair
402-761-8328, 800-933-7223 ext. 8328
lbreiden@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. A0714 - DESL (06/18)
## Basic Tools for Diesel Technology – Truck Program

* May be purchased at the SCC Milford Campus Store. Tools are needed for the first week of school (meet with instructor first).
** May be purchased at the Milford Campus Parts Store.

### SUPPLIES NEEDED FOR FIRST QUARTER
- Safety Glasses (must meet 287 specs)
- Notebook Filler Paper
- 6 - Grommet Folders/Dividers
- 1 - Pack of Pens
- 3 - Pencils
- Highlighter
- Ruler
- 1 - Color Paper Pencils
- Arc Welding Helmet w/#10 Lens and 2 clear plastic lenses
- Electrical Test Lead Kit
- Uniforms (shirts) (3-5 minimum)

### TOOLS REQUIRED TO ENTER FIRST QUARTER
- 1 - Hand Carry Tool Box -lockable (max. size 9" wide x 20" long x 12" high)
- 1 - Padlock
- 1 - Combination Pliers
- 1 - 6" Needle Nose Pliers
- 1 - 7" Diagonal Pliers
- 1 - 6" Steel Rule -w/English & Metric Scales
- 1 - Hacksaw/w/Blades
- 1 - 15" Pinch Bar
- 1 - 16 oz. Ball Peen Hammer
- 1 - 001" - .030" Bent Feeler Gauge Set
- 1 - Gasket Scraper
- 1 - 10" Half Round File/w/handle
- 1 - 10" Single Cut Mill bastard File/w/handle
- 1 - 10" 1/4" Round File/w/handle
- 1 - File Card
- 1 - Electrical Pliers, Wire Crimper/Cutter/Stripper
- 1 - 1/4" Flat Tip Screwdriver
- 1 - 2.7/8" Flat Tip Screwdriver
- 1 - 4" Flat Tip Screwdriver
- 1 - 6" Flat Tip Screwdriver
- 1 - No. 2 Phillips Screwdriver
- 1 - No. 3 Phillips Screwdriver
- 1 - No. 4 Phillips Screwdriver
- 1 - Brass Drill (1/2" 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 - 5/32" + 3/16" Open End
- 1 - 1/4" Pin Punch
- 1 - 1/8" Pin Punch (Replaceable Cartridge Type)
- 1 - Convertible Retaining Ring Pliers, O38 Tip, 0° Angle Tip
- 1 - Convertible Retaining Ring Pliers, O70 Tip, 0° Angle Tip
- 1 - Convertible Retaining Ring Pliers, O90 Tip, 0° Angle Tip
- 1 - Convertible Retaining Ring Pliers, O120 Tip, 0° Angle Tip
- 1 - Duck Bill Lock Ring Pliers, Narrow Tip
- 1 - Duck Bill Lock Ring Pliers, Wide Tip
- 1 - Metric Combination Wrench Set (8mm to 19mm)
- 1 - 1/8" Starting Punch
- 1 - 1/4" Starting Punch

### ADDITIONAL TOOLS REQUIRED FOR SECOND QUARTER
- 1 - 1/8" Drive Metric Socket Set (10mm to 27mm)
- 1 - 1/2" Drive Socket Set (3/8" to 1 1/4")
- 1 - Ring Pliers Set (Snap-on ASA204A or equivalent)
- 1 - 1/2" to 3/8" Adapter
- 1 - 3/8" Air Ratchet
- 1 - 3/8" Drive Deep Socket-12 point
- 1 - 3/8" Drive Deep Socket-12 point
- 1 - Engine Stethoscope
- 1 - Dial Indicator w/Magnetic base (1" Travel Indicator)
- 1 - Universal Joint
- 1 - 1/2" Drive Metric Socket Set (10mm to 27mm)
- 1 - 1/2" Drive Impact Wrench
- 1 - 1/2" Drive Impact Deep Inch Socket Set (3/8"-1 1/4")
- 1 - 1/2" Drive Impact Deep Metric Socket Set (15mm to 25mm)

### FIFTH QUARTER
- 1 - Fluke Model 87 or 88 Multimeter (NO SUBSTITUTES)
- 1 - 0 to 1" Micrometer (Non-Digital, Electronic or Mechanical)
- 1 - Fluke Model 87 or 88 Multimeter (Electronic or Mechanical)
- 1 - Metric Allen Wrench Set
- 1 - English Wrench Set
- 1 - Metric Thread Pitch Gage
- 1 - Gasket Scraper
- 1 - 16 oz. Ball Peen Hammer
- 1 - 6" Needle Nose Pliers
- 1 - 10" x 1/4" Round File/with handle
- 1 - 10" Single Cut Mill Bastard File/with handle
- 1 - 10" Half Round File/with handle
- 1 - 10" 1/4" Round File/with handle
- 1 - File Card
- 1 - Electrical Pliers, Wire Crimper/Cutter/Stripper
- 1 - 1/4" Flat Tip Screwdriver
- 1 - 2.7/8" Flat Tip Screwdriver
- 1 - 4" Flat Tip Screwdriver
- 1 - 6" Flat Tip Screwdriver
- 1 - No. 2 Phillips Screwdriver
- 1 - No.3 Phillips Screwdriver
- 1 - No. 4 Phillips Screwdriver
- 1 - Brass Drill (1/2" diameter)
- 1 - Center Punch
- 1 - 1/8" Pin Punch
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- 1 - Convertible Retaining Ring Pliers, O70 Tip, 0° Angle Tip
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- 1 - Convertible Retaining Ring Pliers, O120 Tip, 0° Angle Tip
- 1 - Duck Bill Lock Ring Pliers, Narrow Tip
- 1 - Duck Bill Lock Ring Pliers, Wide Tip
- 1 - Metric Combination Wrench Set (8mm to 19mm)
- 1 - 1/8" Starting Punch
- 1 - 1/4" Starting Punch

### SIXTH QUARTER
- 1 - 3/8" Cold Chisel
- 1 - 1/2" Cold Chisel
- 1 - 3/4" Cold Chisel
- 1 - Combination Wrenches (3/8" to 3/4")
- 1 - 1/4" Drive Socket Set (1/4" to 1/2")
- 1 - 3/8" Drive Socket Set (3/8" to 7/8")
- 1 - 3/8" Drive Metric Socket Set, 12 point (8mm to 19mm)
- 1 - 1/2" Drive Metric Socket Set (10mm to 27mm)
- 1 - 1/2" Drive Socket Set (3/8" to 1 1/4")
- 1 - 3/8" Drive Metric Socket Set, 12 point (8mm to 19mm)
- 1 - 1/2" Drive Metric Socket Set (10mm to 27mm)
- 1 - 1/2" Drive Metric Socket Set (10mm to 27mm)
- 1 - 1/2" Drive Metric Socket Set (10mm to 27mm)
- 1 - 1/2" Drive Impact Wrench
- 1 - 1/2" Drive Impact Deep Inch Socket Set (3/8"-1 1/4")
- 1 - 1/2" Drive Impact Deep Metric Socket Set (15mm to 25mm)

### SEVENTH QUARTER
- 1 - Cotter Pin/Seal Puller (Snap-On #59054B or equivalent)
- 1 - Bearing Race Punch (MAC PB37L or equivalent)
- 1 - Twist Drill Index 1/16" to 1/2" by 64ths
- 1 - Cartridge Grease Gun w/Flex Hose (14.1 oz.)
- 1 - Retaining Ring Pliers, O38 Tip, 0-degree angle tip
- 1 - 3/8" Drive Torque Wrench (5 ft.- lbs to 75 ft.- lbs.)
- 1 - Utility Light w/10ft. Cord (TroubleLight)
- 1 - Brass Drill (2" x 12")
- 1 - Truck Oil Filter Strap Wrench
- 1 - Truck Tire Air Pressure Gauge
- 1 - Straight Feeler Gauge Set
- 1 - 12 Tape Measure
- 1 - 3/8" Drive Crowdfoot Open End Set (English)
- 1 - 3/8" Drive Crowdfoot Open End Set (Metric)
- 1 - Allen Head Screw Set (English)
- 1 - Allen Head Screw Set (Metric)
- 1 - 10" x 1/4" Round File/with handle
- 1 - 10" Single Cut Mill Bastard File/with handle
- 1 - Gasket Scraper
- 1 - 10" Half Round File/with handle
- 1 - 10" Single Cut Mill Bastard File/with handle
- 1 - 1/4" to 7/8" Round File/with handle
- 1 - File Card
- 1 - Electrical Pliers, Wire Crimper/Cutter/Stripper
- 1 - 1/4" Flat Tip Screwdriver
- 1 - 2.7/8" Flat Tip Screwdriver
- 1 - 4" Flat Tip Screwdriver
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- 1 - Metric Combination Wrench Set (8mm to 19mm)
- 1 - 1/8" Starting Punch
- 1 - 1/4" Starting Punch

### NOTE:
- Students will not be allowed to use personal tool chests or Roll-A-Way tool cabinets other than specified because of space limitations.