Train to become a highly skilled diesel technician in one of the finest facilities in the entire region: the Crete Carrier Diesel Technology & Welding Center. We teach best practices of industry and technical training in all phases of light, medium and heavy over-the-road truck repair.

**SCC is the Right Choice**

- The Cooperative Experience course is a 5-credit-hour Summer course that places students in an approved business where they receive valuable experience on customer projects and industry training for the most modern types of vehicles. Students receive a wage for the minimum 300 work hours on-the-job, and many will work at their job site throughout the summer.

- Students will spend about 75% of their time in the lab and 25% in a classroom setting.

- We receive requests for skilled diesel technicians almost daily. Our graduates also find employment in construction equipment, railways, aerospace, and manufacturing. Students who make a commitment to master fundamental technical skills, interpersonal relationships and a solid work ethic have tremendous opportunities in the diesel service and repair industries.

- 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 students choose to be masters of all truck systems to personally handle any customer concern.

- Our program has been accredited by Automotive Service Excellence for the last 25 years, and all instructors are ASE certified in their areas of expertise.

**New state-of-the-art facilities include:**

- Contamination control measures for machinery and technicians
- A wash bay large enough to accommodate a combine harvester with duals or semi-tractor for contamination control
- Spill control and used fluid/filter recycling, plus new hydraulic and engine oil dispensed through a closed system
- Floor scrubber operation for all work areas
- Combined classroom/lab spaces for component studies
- Large-screen interactive media stations are displayed in lab spaces for in-house or worldwide connectivity with training resources
- State-of-the-art welding training center supports numerous programs on the Milford Campus

**Top Career Options**

- Diesel Technician
- Construction Equipment Technician

**Graduate Earnings**

Recent graduates report an average starting salary of $41,912 per year.

**Education Foundation**

This program is accredited by the ASE Education Foundation, 1503 Edwards Ferry Rd., NE, Ste. 401, Leesburg, VA 20176, 703-669-6650, www.aseeducation.org.

The program is certified by the ASE Education Foundation and is led by ASE-certified instructors. The program provides students with skills to become entry-level technicians in the diesel truck service industry.

**2020-2021 Resident Estimated Expenses**

<table>
<thead>
<tr>
<th>Category</th>
<th>Estimated Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuition/Fee Rate Per Credit Hour</td>
<td>$111</td>
</tr>
<tr>
<td>Resident Tuition/Fees</td>
<td>$7,936.50</td>
</tr>
<tr>
<td>Books</td>
<td>$1,690</td>
</tr>
<tr>
<td>Supplies</td>
<td>$350</td>
</tr>
<tr>
<td>Tools</td>
<td>$4,571</td>
</tr>
<tr>
<td>Special Fees</td>
<td>$35</td>
</tr>
<tr>
<td>Uniforms</td>
<td>$100</td>
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<tr>
<td><strong>Total</strong></td>
<td><strong>$14,682.50</strong></td>
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</table>

**2020-2021 Non-Resident Estimated Expenses**

<table>
<thead>
<tr>
<th>Category</th>
<th>Estimated Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuition/Fee Rate Per Credit Hour</td>
<td>$132</td>
</tr>
<tr>
<td>Non-Resident Tuition/Fees</td>
<td>$9,638</td>
</tr>
</tbody>
</table>
**Diesel Technology-Truck Program - Required Basic Tool List**

Students are required to use approved eye protection, safety-toe boots or shoes during all lab activities and while participating in Cooperative Education/Internship.

### 1ST SEMESTER

#### PPE (PERSONAL PROTECTIVE EQUIPMENT)
- Safety eyewear (2-67 approved)
- Hearing Protection (Ear muffs of Ear Canal Plugs)
- **Pair Safety Toe Boots or Shoes**

#### TOOL CART
- 1 Tool Cart - lockable (max. size: 30” wide x 18” deep x 40” tall)
- **Tool Cart - lockable (max. size: 30” wide x 18” deep x 40” tall)**
- **Jumper Kit #80265115**
- Penlight

#### PLIERS
- Combination Pliers
- Needle Nose Pliers
- Diagonal Pliers

### 2ND SEMESTER

#### TOOL BOX
- Roll-A-Way Tool Box (Top Chest Optional) (Maximum 55” long – 55” includes hang/add on boxes)

#### PERSONAL PROTECTIVE EQUIPMENT
- Safety-toe boots/shoes required.

#### ELECTRICAL
- Electronic Connector Tool (Blue Point TAS003 or equivalent)
- Electronic Connector Tool (Blue Point GA5000A or equivalent)

#### PLIERS
- Retaining Ring Pliers, .038 Tip, 90-degree angle tip

#### HAND WRENCHES
- Combination Wrench Set (13/16” to 11/4”)
- Combination Wrench Set (20mm to 24mm)
- 3/8” x 7/16” Flare Nut Wrench, Double Box End
- 1/2” x 9/16” Flare Nut Wrench, Double Box End
- 5/8” x 3/4” Flare Nut Wrench, Double Box End
- 1/2” Drive Crowfoot Open End Set (Metric)

#### SOCKET WRENCHES
- 3/8” Drive Torque Wrench
- 1/2” Drive Torque Wrench (150 lb. ft. minimum)
- 1/2” Drive Metric Socket Set (10mm to 27mm)

####cutting TOOLS
- Gasket Scrapper

#### GENERAL PURPOSE
- Telescopic Magnetic Pick-Up Tool
- Telescopic Handled Mirror
- "O" Ring Pick Set (Snap-On®#35204A or equivalent)
- Mechanical Claw Pick-Up Tool

#### HVAC
- Air Conditioning Service Wrench (1/4” to 3/8” square drive on one end w/13/16” Hex Wrench on opposite end)
- Air Conditioning Thermometer
- RT34A Cap Tap Valve (Snap-On®#AC743 or equivalent)

#### THE FOLLOWING TOOLS ARE OPTIONAL:
- 3/8” Drive Metric Socket Set (8mm to 19mm)
- Metric Angle Head Open End Wrench Set (10mm to 19mm)
- Air-Conditioning R-134A Gauge/Manifold/Hose set
- Refrigerant