



**Career and Technical Education Pathway  
Engineering and Applied Technology  
Diesel and Heavy Equipment Technology**

**Diesel and Heavy Equipment Technology Certificate**

The Diesel and Heavy Equipment Technology program at A-B Tech prepares individuals to apply technical knowledge and skills to repair, service, and maintain diesel engines in vehicles such as Heavy Duty Trucks over one ton classification, buses, ships, railroad locomotives, and equipment, as well as stationary diesel engines in electrical generators and related equipment. With a completed diploma, students are prepared for employment in a variety of positions including Bus and Truck Mechanic with a median salary in North Carolina of \$16.50 per hour (U.S. Department of Labor, 2015) after completion of the Certificate and/or Diploma.

<b>CORE COURSES</b>			
Course Prefix/Num	Course Title		
<a href="#">HET 110</a>	Engines	6	SHC
<a href="#">HET 125</a>	Preventative Maintenance	2	SHC
<a href="#">TRN 110</a>	Intro to Transport Tech	2	SHC
<a href="#">TRN 120</a>	Basic Transportation Electricity	5	SHC
<b>Total SHC for Core Courses:</b>		<b>15</b>	<b>SHC</b>
<b>OTHER MAJOR COURSES</b>			
Course Prefix/Num	Course Title		
<a href="#">HET 119</a>	Mechanical Transmissions	3	SHC
<b>Total SHC for Other Major Courses:</b>		<b>3</b>	<b>SHC</b>
<b>Total SHC for Program</b>		<b>18</b>	

\* Requires benchmark/placement testing

**Estimated Costs:**

Textbooks: \$330  
 Consumable Supplies: \$40-90 per semester  
 Tools/Instruments: \$320 or more depending on the quality and source, please see your advisor for details.