

# DIESEL MECHANIC TECHNOLOGY, ASSOCIATE OF APPLIED SCIENCE

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<sup>5</sup> PE231, HE250, or three (3) credits of PE185 sport/activity courses will satisfy this requirement.

The diesel technician repairs and maintains diesel powered trucks, marine, logging and agricultural equipment and their support systems. This program is designed to prepare students for entry-level positions in diesel service technology. Training is varied to give students a broad understanding and background in different phases of the diesel service industry. It is an industry-specific two year associate degree program. It is designed to prepare individuals to become qualified diesel service technicians. Students learn how to work on many types of diesel equipment including semi-truck, construction, forestry, marine, and agricultural equipment. Students learn about engine fundamentals, machine hydraulics, fuel systems, electrical systems, transmissions, air brakes, undercarriage, final drives, and more.

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
DS110	Heavy Duty Brakes	12
MTH80	Technical Mathematics I <sup>1</sup>	4
<b>Credits</b>		<b>16</b>
<b>Winter</b>		
DS111	Heavy Duty Hydraulics	12
BA285	Human Relations in Organizations <sup>2</sup>	3
<b>Credits</b>		<b>15</b>
<b>Spring</b>		
DS112	Heavy Duty Powertrains And Chassis	12
WR115	Fundamentals of Report Writing <sup>3</sup>	4
<b>Credits</b>		<b>16</b>
<b>Second Year</b>		
<b>Fall</b>		
COMM100Z	Introduction to Communication <sup>4</sup>	4
DS220	Diesel and Auxiliary Fuel Systems	12
WLD100	Cutting Processes	3
<b>Credits</b>		<b>19</b>
<b>Winter</b>		
DS221	Diesel Electrical System	12
PE231	Wellness for Life <sup>5</sup>	3
<b>Credits</b>		<b>15</b>
<b>Spring</b>		
DS222	Diesel Engines and Engine Overhaul	12
<b>Credits</b>		<b>12</b>
<b>Total Credits</b>		<b>93</b>

<sup>1</sup> MTH95 or higher, excluding 98, 211-213 maybe substituted for MTH80

<sup>2</sup> BA120, BA285, PSY100, PSY201Z, PSY202Z, PSY203 will satisfy this requirement.

<sup>3</sup> A higher writing may be substituted excluding WR241, WR242, WR243, WR250.

<sup>4</sup> COMM111Z, COMM218Z, or COMM219 will satisfy this requirement.