

## DSET1136 - Introduction to Diesel Engines

Credits:	2 (0/2/0)
Description:	This course introduces students to the four-cycle diesel engine. Coursework includes disassembly, inspection, measurement, assembly and adjustment of diesel engines and their components.
Prerequisites:	
Corequisites:	
Pre/Corequisites*:	<ul style="list-style-type: none"> <li>• DSET1132</li> </ul>
Competencies:	<ol style="list-style-type: none"> <li>1. Demonstrate safety procedures as they pertain to a shop environment.</li> <li>2. Utilize service publications to identify proper service procedures and specialized tools.</li> <li>3. Disassemble, inspect, measure and re-assemble cylinder heads.</li> <li>4. Disassemble, inspect, measure and re-assemble short blocks.</li> <li>5. Perform engine start-up procedures.</li> <li>6. Analyze engine operation and operational issues.</li> </ol>
MnTC goal areas:	None

\*Can be taking as a Prerequisite or Corequisite.