AMST2222 - Light-Duty Diesel

Credits:	2 (1/1/0)
Description:	This course focuses on understanding light-duty diesel engines used in automotive applications. Students learn and adhere to safety precautions for diesel repairs. Additionally, they explore diesel engine control systems and examine the differences and similarities between gas and diesel engines.
Prerequisites:	• AMST2221
Corequisites:	
Pre/Corequisites*:	
Competencies:	1. Exhibit safety and professionalism by maintaining a clean and safe work environment using OSHA and manufacturer standards. 2. Understand and identify different diesel fuel types and their uses. 3. Recognize and explain the similarities and differences between diesel direct injection and gas direct injection systems. 4. Diagnose and repair diesel engine glow plug and heater systems. 5. Identify and explain the similarities and differences between diesel forced air induction and gas forced air induction systems. 6. Understand similarities and differences between diesel engine control sensors and gas engine control sensors.
MnTC goal areas:	None

**Can be taking as a Prerequisite or Corequisite.*

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