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| **(AUTO B36)** | | | | |
| **Student Learning Outcomes or AUO** | **Measure** | **PLO** | **ILO** | **GE** |
| 1. Evaluate the difference between electrical/fuel system problems and engine mechanical problems to formulate a repair strategy. | Pre-test/Post-test | 1,2,3 | I,II,III | N/A |
| 2. Analyze no start conditions and be able to formulate a diagnostic strategy | Pre-test/Post-test | 1,2,3 | I,II,III | N/A |
| 3. Analyze loss of power conditions and be able to formulate a diagnostic strategy | Pre-test/Post-test | 1,2,3 | I,II,III | N/A |
| **PLOs:**  1. Demonstrate proficiency in technical skills and safety principles required for employment in the transportation and related industries performing diesel performance work.  2. Demonstrate their ability to assess, evaluate and solve diesel performance problems common to automotive, industrial, and agricultural industries.  3. Demonstrate a thorough understanding of the core diesel performance material required for transfer to a four year university or certification in the department programs.  **ILOs:**   1. **Think critically and evaluate sources and information for validity and usefulness.** 2. **Communicate effectively in both written and oral forms.** 3. **Demonstrate competency in a field of knowledge or with job-related skills.** 4. **Engage productively in all levels of society – interpersonal, community, the state and nation, and the world.**   **GELOs:**  **Use the GE categories from the catalog if this is a GE course.**  **A-E** | | | | |