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| **(AUTO B20)** | | | | |
| **Student Learning Outcomes or AUO** | **Measure** | **PLO** | **ILO** | **GE** |
| 1. Explain the operation of the internal combustion engine, including both four stroke and two stroke operation. | Pre-test/Post-test | 1, 3 | II, III | N/A |
| 2. Compare and contrast design characteristics of internal combustion engines | Pre-test/Post-test | 1, 3 | I, II, III | N/A |
| 3. Evaluate and assess the condition of an internal combustion engine | Pre-test/Post-test | 1, 2, 3 | I, II, III | N/A |
| **PLOs:**  1. Demonstrate proficiency in technical skills and safety principles required for industrial employment in the automotive industry.  2. Demonstrate problem solving skills used in the automotive industry.  3. Demonstrate a deep understanding of the core material required for certification in the automotive program.  **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** | | | | |