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| **(AUTO B49)** | | | | |
| **Student Learning Outcomes or AUO** | **Measure** | **PLO** | **ILO** | **GE** |
| 1. Set up automotive air conditioning test, service and repair equipment | Pre-test/Post-test | 1,3 | III | N/A |
| 2. Inspect various vehicles heating and air conditioning systems and evaluate their condition. | Pre-test/Post-test | 1,2,3 | I, III | N/A |
| 3. Apply the proper diagnostic and repair strategies, take measurements of heating and air conditioning systems, and compare readings against industry specifications. | Pre-test/Post-test | 1,2,3 | I, III | N/A |
| **PLOs:**  1. Demonstrate proficiency in technical skills and safety principles required for employment in the automotive heating and air conditioning industry.  2. Demonstrate their ability to assess, evaluate and solve automotive heating and air conditioning problems common to automotive, industrial, and agricultural industries.  3. Demonstrate a thorough understanding of the core material automotive heating and air conditioning 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** | | | | |