



**COGNITIVE DOMAIN:** Knowledge; what graduates will know.

*Knowledge and Comprehension*

- ◆ Exhibit understanding of OSHA safety standards, especially standards for clothing, eye protection, hand tools, power equipment, proper ventilation, the handling, storage, and disposal of chemicals in accordance with local state and federal safety and environmental regulations.
- ◆ Diagnose and repair engine emissions and exhaust problems
- ◆ Identify and interpret brake system concerns and develop necessary solutions
- ◆ Identify and interpret electrical/electronic concerns and develop necessary solutions
- ◆ Identify and interpret heating and air conditioning concerns and determine necessary action

*Application*

- ◆ Research customer complaints and diagnostic issues to develop problem solutions
- ◆ Demonstrate use of precision measuring instruments
- ◆ Be able to use industry-standard diagnostic equipment
- ◆ Communicate effectively with the employer and the customer to determine repair and service needs

*Analysis, Synthesis & Evaluation*

- ◆ Assess customer concerns to determine required service needs

**AFFECTIVE DOMAIN:** Attitude; growth in feelings or emotional areas

- ◆ Be a life-long learner (in order to keep up-to-date in technology)
- ◆ Inquisitive nature
- ◆ Ability to meet deadlines and tight-time schedules
- ◆ Self- motivated

**PSYCHOMOTOR DOMAIN:** Skills; manual or physical

- ◆ Assemble and disassemble automotive components
- ◆ Use instruments to diagnose and repair