

Motive Power Fundamentals

Program Learning Outcomes

Learning outcomes represent culminating demonstrations of learning and achievement. In addition, learning outcomes are interrelated and cannot be viewed in isolation of one another. As such, they should be viewed as a comprehensive whole. They describe performances that demonstrate that significant integrated learning by graduates of the program has been achieved.

The graduate has reliably demonstrated the ability to

1. Identify the operation and routine maintenance procedures of components and subcomponents to characterize motive power systems with different energy sources.
2. Disassemble and assemble components and sub-components to maintain, diagnose and repair motive power systems.
3. Test fundamental motive power systems to identify faults.
4. Use electronic service information to diagnose and plan motive power repairs or maintenance of motive power systems.
5. Document maintenance, inspection, and repair records for business and client records.
6. Perform all assigned work and safety procedures according to manufacturers' service information, applicable codes, and regulations.