Associate of Applied Science in Diesel Power Technology

Program Student Learning Outcomes

At the completion of this program, students are able to:

• Demonstrate academic proficiency necessary to pass national examinations within the domain.

• Demonstrate proficiency in performing occupationally related tasks in a professional setting.

• Integrate knowledge from diverse areas to develop effective diagnostic and repair strategies involving complex systems.

• Request, collect, summarize, evaluate, and apply oral and written information gathered from technical (e.g. schematics, technical bulletins, and service information) and non-technical (e.g. customer oral and written reports) sources regarding symptoms and potential diagnostic and repair strategies for diesel powered equipment.

• Apply knowledge gained from previous education and experience to problem solving to aid in diagnosis and repair for the immediate situation.

• Demonstrate effective employability skills, including oral and written communication skills, as required by the 2014 accreditation standards for the National Automotive Technicians Education Foundation.

• Demonstrate technical knowledge and critical thinking necessary for success in the heavy-duty maintenance and repair industry.