

# Associate of Applied Science in Diesel Power Technology

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## Program Student Learning Outcomes

Students graduating with an Associate of Applied Science in Diesel Power Technology will be 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 nontechnical (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.