

2024-2025 Assessment Plan
 Diesel Mechanics

2024-2025

Diesel Mechanics Learning Outcomes

Quantity of work

Base rating on employee's output of satisfactory work.

MEASURES	RESULTS	ACTIONS
<p>Employer evaluation</p> <p>Internship evaluation form</p> <p>Implementation Plan (timeline) Spring</p> <p>Key/Responsible Personnel Diesel Mechanics faculty</p> <p>Indirect - Survey</p> <p>Target</p> <p>Average score of 7.5</p>	<p><i>No results have been added.</i></p>	<p><i>No actions have been added.</i></p>

Stability

Evenness of temperament, reaction under stress or strain, ability to work under pressure, and response to unpleasant situations.

MEASURES	RESULTS	ACTIONS
<p>Employer evaluation</p> <p>Internship evaluation form</p> <p>Implementation Plan (timeline) Spring</p> <p>Key/Responsible Personnel Diesel Mechanics faculty</p> <p>Indirect - Survey</p> <p>Target</p> <p>Average score of 7.5</p>	<p><i>No results have been added.</i></p>	<p><i>No actions have been added.</i></p>

Cooperation

Ability to work for and with others; accept discipline and conform to policies of management; willingness to help others

MEASURES	RESULTS	ACTIONS
<p>Employer evaluation</p>	<p><i>No results have been added.</i></p>	<p><i>No actions have been added.</i></p>

Diesel Mechanics

Internship evaluation form Implementation Plan (timeline) Spring Key/Responsible Personnel Diesel Mechanics faculty Indirect - Survey Target Average score of 7.5		
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Dependability

The employee's sense of duty to the job and the department, general reliability, punctuality and attendance.

MEASURES	RESULTS	ACTIONS
Employer evaluation Internship evaluation form Implementation Plan (timeline) Spring Key/Responsible Personnel Diesel Mechanics faculty Indirect - Survey Target Average score of 7.5	<i>No results have been added.</i>	<i>No actions have been added.</i>

Industry

Consider the effort put forth during working hours; application to the job; and steady and diligent attention to the task at hand.

MEASURES	RESULTS	ACTIONS
Employer evaluation Internship evaluation form Implementation Plan (timeline) Spring Key/Responsible Personnel Diesel Mechanics faculty Indirect - Survey Target Average score of 7.5	<i>No results have been added.</i>	<i>No actions have been added.</i>

Judgement

Ability to analyze problems, reach sound conclusions, use initiative and productive imagination.

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<p>Employer evaluation</p> <p>Internship evaluation form</p> <p>Implementation Plan (timeline) Spring</p> <p>Key/Responsible Personnel Diesel Mechanics faculty</p> <p>Indirect - Survey</p> <p>Target</p> <p>Average score of 7.5</p>	<p><i>No results have been added.</i></p>	<p><i>No actions have been added.</i></p>

Aptitude

Consider how work measures up to job standards, considering accuracy, thoroughness, neatness.

MEASURES	RESULTS	ACTIONS
<p>Employer evaluation</p> <p>Internship evaluation form</p> <p>Implementation Plan (timeline) Spring</p> <p>Key/Responsible Personnel Diesel Mechanics faculty</p> <p>Indirect - Survey</p> <p>Target</p> <p>Average score of 7.5</p>	<p><i>No results have been added.</i></p>	<p><i>No actions have been added.</i></p>

Responsibility

Success in adapting new and better ideas, improving own methods, taking care of equipment, and assuming tasks independently.

MEASURES	RESULTS	ACTIONS
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Diesel Mechanics

<p>Employer evaluation</p> <p>Internship evaluation form</p> <p>Implementation Plan (timeline) Spring</p> <p>Key/Responsible Personnel Diesel Mechanics faculty</p> <p>Indirect - Survey</p> <p>Target</p> <p>Average score of 7.5</p>	<p><i>No results have been added.</i></p>	<p><i>No actions have been added.</i></p>
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Safety

Student will become proficient in safety while performing work.

MEASURES	RESULTS	ACTIONS
<p>Industry Standard Safety Measures</p> <p>Implementation Plan (timeline) Spring</p> <p>Key/Responsible Personnel Diesel Mechanics faculty</p> <p>Direct - Exam (Course)</p> <p><i>Diesel Industry Fundamentals: DIES 1630</i></p> <p>Target</p> <p>80% of students will score a 7/10 on the exam.</p>	<p><i>No results have been added.</i></p>	<p><i>No actions have been added.</i></p>

Heating, Ventilating, & Air Conditioning (HVAC)

Student will become proficient in the maintenance and repair of HVAC.

MEASURES	RESULTS	ACTIONS
<p>HVAC Systems</p> <p>Implementation Plan (timeline) Spring</p> <p>Key/Responsible Personnel Diesel Mechanics faculty</p> <p>Direct - Exam (Course)</p> <p><i>HVAC Systems: DIES 1642</i></p> <p>Target</p> <p>80% of students will score a 7/10 on the exam.</p>	<p><i>No results have been added.</i></p>	<p><i>No actions have been added.</i></p>

Hydraulics

Diesel Mechanics

Student will become proficient in the maintenance and repair of hydraulics.

MEASURES	RESULTS	ACTIONS
<p>Hydraulics</p> <p>Implementation Plan (timeline) Spring</p> <p>Key/Responsible Personnel Diesel Mechanics faculty</p> <p>Direct - Exam (Course)</p> <p><i>Advanced Hydraulics: DIES 2641</i></p> <p>Target</p> <p>80% of students will score a 7/10 on the exam.</p>	<p><i>No results have been added.</i></p>	<p><i>No actions have been added.</i></p>

Brake Systems

Student will become proficient in the maintenance and repair of brake systems.

MEASURES	RESULTS	ACTIONS
<p>Brake Systems</p> <p>Implementation Plan (timeline) Spring</p> <p>Key/Responsible Personnel Diesel Mechanics faculty</p> <p>Direct - Exam (Course)</p> <p><i>Braking Systems: DIES 2633</i></p> <p>Target</p> <p>80% of students will score a 7/10 on the exam.</p>	<p><i>No results have been added.</i></p>	<p><i>No actions have been added.</i></p>

Diesel Engines and Fuel Systems

Students will become proficient in the maintenance practices and repair of various brands of diesel engines and fuel systems including but not limited to: valve set, injector replacement, fuel filter replacement, fuel system bleed, etc.

MEASURES	RESULTS	ACTIONS
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Diesel Mechanics

<p>Engines and Fuel Systems</p> <p>Implementation Plan (timeline) Spring</p> <p>Key/Responsible Personnel Diesel Mechanics faculty</p> <p>Direct - Exam (Course)</p> <p><i>Diesel Engine II: DIES 2630</i></p> <p>Target</p> <p>80% of students will score a 7/10 on the exam.</p>	<p><i>No results have been added.</i></p>	<p><i>No actions have been added.</i></p>
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Diesel Powertrains

Student will become proficient in the maintenance and repair of diesel powertrains including but not limited to: clutch replacement and adjustment, transmission repair, driveline/u-joint repair, differential repair and adjustment.

MEASURES	RESULTS	ACTIONS
<p>Powertrains</p> <p>Implementation Plan (timeline) Spring</p> <p>Key/Responsible Personnel Diesel Mechanics faculty</p> <p>Direct - Exam (Course)</p> <p><i>Powertrains II: DIES 2640</i></p> <p>Target</p> <p>80% of students will score a 7/10 on the exam.</p>	<p><i>No results have been added.</i></p>	<p><i>No actions have been added.</i></p>

Diesel Electrical Systems

Student will become proficient in the maintenance and repair of diesel electrical systems including but not limited to: battery testing and replacement, starting system repair, charging system repair, lighting and wiring system repair, testing of electronic sensors, switches and devices.

MEASURES	RESULTS	ACTIONS
<p>Electrical Systems</p> <p>Implementation Plan (timeline) Spring</p> <p>Key/Responsible Personnel Diesel Mechanics faculty</p> <p>Direct - Exam (Course)</p> <p><i>Electronic Engines/Controls: DIES 2632</i></p> <p>Target</p> <p>80% of students will score a 7/10 on the exam.</p>	<p><i>No results have been added.</i></p>	<p><i>No actions have been added.</i></p>