

Assessment Plan 2023-2024
Diesel Mechanics

Academic year 2023-2024
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.

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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>

Cooperation

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

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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><i>No results have been added.</i></p>	<p><i>No actions have been added.</i></p>

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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.

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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>

Industry

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

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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>

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>

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Aptitude

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

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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>

Responsibility

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

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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>

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.

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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

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
<p>Engines and Fuel Systems</p>	<p><i>No results have been added.</i></p>	<p><i>No actions have been added.</i></p>

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Implementation Plan (timeline) Spring Key/Responsible Personnel Diesel Mechanics faculty Direct - Exam (Course) <i>Diesel Engine II: DIES 2630</i> Target 80% of students will score a 7/10 on the exam.		
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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
Powertrains Implementation Plan (timeline) Spring Key/Responsible Personnel Diesel Mechanics faculty Direct - Exam (Course) <i>Powertrains II: DIES 2640</i> Target 80% of students will score a 7/10 on the exam.	<i>No results have been added.</i>	<i>No actions have been added.</i>

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