

Assessment: Course Four Column



Courses (CTE) - Diesel Technology

DT 101:Basic Diesel Engines

<i>Course Outcomes</i>	<i>Assessment Measures</i>	<i>Results</i>	<i>Actions</i>
<p>Basic engine principles - Know and demonstrate basic engine principles Course Outcome Status: Active Next Assessment: 2023-2024</p>	<p>Written Examination. Students will be asked to show competence by kinesthetic demonstration</p> <p>Criterion: Students demonstrate competence by presenting oral demonstrations in groups and individually and pass a written final</p>	<p>Reporting Period: 2018-2019 Criterion Met: Yes 61% passed with 90% of better 31% passed with 80% -89% 0%passed with 70-79% 8%passed with 69-60% 0% did not pass (09/09/2019)</p>	
<p>Run engine overhead adjustments - Know and demonstrate the ability to run engine overhead adjustments Course Outcome Status: Active Next Assessment: 2023-2024</p>	<p>Exam - Written Examination. Students will be asked to show competence by kinesthetic demonstration</p> <p>Criterion: Students demonstrate competence by presenting oral demonstrations in groups and individually and pass a written final</p>	<p>Reporting Period: 2018-2019 Criterion Met: Yes 61% passed with 90% of better 31% passed with 80% -89% 0%passed with 70-79% 8%passed with 69-60% 0% did not pass (09/09/2019)</p>	<p>Action: Adjust Curriculum to accommodate new Yanmar motors (09/09/2019)</p>
<p>Cylinder liners - Know and demonstrate the ability to install cylinder liners Course Outcome Status: Active Next Assessment: 2023-2024</p>	<p>Exam - Written Examination Students will be asked to show competence by kinesthetic demonstration</p> <p>Criterion: Students demonstrate competence by presenting oral</p>	<p>Reporting Period: 2018-2019 Criterion Met: Yes 61% passed with 90% of better 31% passed with 80% -89% 0%passed with 70-79% 8%passed with 69-60% 0% did not pass (09/09/2019)</p>	<p>Action: Added three large boar motor to practice this task (09/09/2019)</p>

Course Outcomes	Assessment Measures	Results	Actions
<p>Measure engine components and compare to manufacture specifications - Know and demonstrate the ability to accurately measure engine components and compare to manufacture specifications.</p> <p>Course Outcome Status: Active</p> <p>Next Assessment: 2023-2024</p>	<p>Exam - Written Examination Students will be asked to show competence by kinesthetic demonstration</p> <p>Criterion: Students demonstrate competence by presenting oral demonstrations in groups and individually and pass a written final</p>	<p>Reporting Period: 2018-2019</p> <p>Criterion Met: Yes</p> <p>61% passed with 90% of better 31% passed with 80% -89% 0%passed with 70-79% 8%passed with 69-60% 0% did not pass (09/09/2019)</p>	<p>Action: Adjust Curriculum to accommodate new Yanmar motors. (tear down and rebuild task) (09/09/2019)</p>
<p>Know factors that effect engine performance - Know factors that effect engine performance</p> <p>Course Outcome Status: Active</p> <p>Next Assessment: 2023-2024</p>	<p>Exam - Written Examination Students will be asked to show competence by kinesthetic demonstration</p> <p>Criterion: Students demonstrate competence by presenting oral demonstrations in groups and individually and pass a written final</p>	<p>Reporting Period: 2018-2019</p> <p>Criterion Met: Yes</p> <p>61% passed with 90% of better 31% passed with 80% -89% 0%passed with 70-79% 8%passed with 69-60% 0% did not pass (09/09/2019)</p>	<p>Action: Adjust Curriculum to accommodate new Yanmar motors (09/09/2019)</p>
<p>Cooling and lubrication operations - Know cooling and lubrication operations</p> <p>Course Outcome Status: Active</p> <p>Next Assessment: 2023-2024</p>	<p>Exam - Written Examination Students will be asked to show competence by kinesthetic demonstration</p> <p>Criterion: Students demonstrate competence by presenting oral demonstrations in groups and individually and pass a written final</p>	<p>Reporting Period: 2018-2019</p> <p>Criterion Met: Yes</p> <p>61% passed with 90% of better 31% passed with 80% -89% 0%passed with 70-79% 8%passed with 69-60% 0% did not pass (09/09/2019)</p>	<p>Action: Again the more to standardizing the motors and tooling make the class much less confusing for the students resulting to better learnings/understanding of the curriculum. But the same small lab area in Ely makes this class a challenge as there are parts that need to be clean up and stored after every lab. (09/09/2019)</p>