

Assessment: Course Four Column



Courses (CTE) - Diesel Technology

DT 101:Basic Diesel Engines

Course Outcomes	Assessment Measures	Results	Actions
<p>Basic engine principles - Know and demonstrate basic engine principles Course Outcome Status: Active Next Assessment: 2016-2017 Start Date: 06/19/2014</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: 2015-2016 Criterion Met: Yes 21% passed with 90% of better 52% passed with 80% -89% 15%passed with 70-79% 5%passed with 70-79% 7% did not pass (09/08/2016)</p>	
<p>Run engine overhead adjustments - Know and demonstrate the ability to run engine overhead adjustments Course Outcome Status: Active Next Assessment: 2016-2017 Start Date: 06/19/2014</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: 2015-2016 Criterion Met: Yes 21% passed with 90% of better 52% passed with 80% -89% 15%passed with 70-79% 5%passed with 70-79% 7% did not pass (09/08/2016)</p>	
<p>Cylinder liners - Know and demonstrate the ability to install cylinder liners Course Outcome Status: Active Next Assessment: 2016-2017 Start Date: 06/25/2014</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: 2015-2016 Criterion Met: Yes 21% passed with 90% of better 52% passed with 80% -89% 15%passed with 70-79% 5%passed with 70-79% 7% did not pass (09/08/2016)</p>	<p>Action: Added three large boar motor to practice this task (09/08/2016)</p>

Course Outcomes	Assessment Measures	Results	Actions
<p>demonstrations in groups and individually and pass a written final</p> <p>Measure engine components and compare to manufacture specifications - Know and demonstrate the ability to accurately measure engine components and compare to manufacture specifications Course Outcome Status: Active Next Assessment: 2016-2017 Start Date: 06/25/2014</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: 2015-2016 Criterion Met: Yes 21% passed with 90% of better 52% passed with 80% -89% 15%passed with 70-79% 5%passed with 70-79% 7% did not pass (09/08/2016)</p>	<p>Action: Continue to use donated motor for better understanding of measurement of engine components. (tear down and rebuild task) (09/08/2016)</p>
<p>Know factors that effect engine performance - Know factors that effect engine performance Course Outcome Status: Active Next Assessment: 2020-2021 Start Date: 09/08/2016</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: 2015-2016 Criterion Met: Yes 21% passed with 90% of better 52% passed with 80% -89% 15%passed with 70-79% 5%passed with 70-79% 7% did not pass (09/08/2016)</p>	<p>Action: This class will be combined with the Advanced Engines class and one week added to the course. Will be introducing forced induction and engine brakes and retarders (09/08/2016)</p>
<p>Cooling and lubrication operations - Know cooling and lubrication operations Course Outcome Status: Active Next Assessment: 2019-2020 Start Date: 08/03/2015</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: 2015-2016 Criterion Met: Yes 21% passed with 90% of better 52% passed with 80% -89% 15%passed with 70-79% 5%passed with 70-79% 7% did not pass (09/08/2016)</p>	<p>Action: Roll in Curriculum form DT 210 (09/08/2016)</p>