

Assessment: Course Four Column



Courses (CTE) - Diesel Technology

DT 215:Electronic Diesel Engines

<i>Course Outcomes</i>	<i>Assessment Measures</i>	<i>Results</i>	<i>Actions</i>
<p>Electronic component operation as related to fuel systems. - Know electronic component operation as related to fuel systems. 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 Criterion: Students demonstrate competence by presenting oral demonstrations in groups and individually and pass a written final</p>	<p>Reporting Period: 2016-2017 Criterion Met: Yes 0% passed with 90% of better 86% passed with 80% -89% 14%passed with 70-79% (12/07/2017)</p>	<p>Action: Implement new lab demonstration and tasks that utilize newly donated electronic engines (12/07/2017)</p>
<p>Sensor operation - Know sensor operation. 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 Criterion: Students demonstrate competence by presenting oral demonstrations in groups and individually and pass a written final.</p>	<p>Reporting Period: 2016-2017 Criterion Met: Yes 0% passed with 90% of better 86% passed with 80% -89% 14%passed with 70-79% (12/07/2017)</p>	
<p>Electronic injector operation - Know electronic injector operation. 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 Criterion: Students demonstrate competence by presenting oral demonstrations in groups and individually and pass a written final:</p>	<p>Reporting Period: 2016-2017 Criterion Met: Yes 0% passed with 90% of better 86% passed with 80% -89% 14%passed with 70-79% (12/07/2017)</p>	<p>Action: Adjusted Align lab demonstration and tasks that utilize electronic engines with newly developed course class room power point (12/07/2017)</p>

<i>Course Outcomes</i>	<i>Assessment Measures</i>	<i>Results</i>	<i>Actions</i>
<p>Trouble shoot electronic fuel systems from schematics - Demonstrate the ability to trouble shoot electronic fuel systems from schematics 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 Criterion: Students demonstrate competence by presenting oral demonstrations in groups and individually and pass a written final</p>	<p>Reporting Period: 2016-2017 Criterion Met: Yes 0% passed with 90% of better 86% passed with 80% -89% 14%passed with 70-79% (12/07/2017)</p>	
<p>Operate electronic trouble shooting test equipment - Demonstrate the ability to operate electronic trouble shooting test equipment. 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 Criterion: Students demonstrate competence by presenting oral demonstrations in groups and individually and pass a written final:</p>	<p>Reporting Period: 2016-2017 Criterion Met: Yes 0% passed with 90% of better 86% passed with 80% -89% 14%passed with 70-79% (12/07/2017)</p>	<p>Action: Adjusted Align lab demonstration and tasks that utilize electronic engines with newly developed course class room power point (12/07/2017)</p>
<p>Faulty electronic components - Demonstrate the ability to locate faulty electronic components 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 Criterion: Students demonstrate competence by presenting oral demonstrations in groups and individually and pass a written final.</p>	<p>Reporting Period: 2016-2017 Criterion Met: Yes 0% passed with 90% of better 86% passed with 80% -89% 14%passed with 70-79% (12/07/2017)</p>	
<p>Forced induction systems - Have a working knowledge of diesel engine forced induction systems Course Outcome Status: Active Next Assessment: 2021-2022 Start Date: 12/04/2017</p>	<p>Exam - Written Examination. Students will be asked to show competence by kinesthetic demonstration Criterion: Students demonstrate competence by presenting oral demonstrations in groups and individually and pass a written final.</p>	<p>Reporting Period: 2016-2017 Criterion Met: Yes 0% passed with 90% of better 86% passed with 80% -89% 14%passed with 70-79% (12/07/2017)</p>	<p>Action: Added curriculum from DT210 (12/07/2017) Follow-Up: Second year running this course since it was updated. Made adjustment to help new student better understand the principals of fuel controls and make it easier to understand. Also added forced induction since we lost DT210 The course in its original lay out would work very well at a 300 level class (12/07/2017)</p>