Assessment: Course Four Column

Courses (CTE) - Diesel Technology

DT 215:Electronic Diesel Engines

Course Outcomes	*Assessment Measures*	*Results*	*Actions*
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	**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	**Reporting Period:** 2015-2016 **Criterion Met:** Yes 0% passed with 90% of better 86% passed with 80% -89% 14%passed with 70-79% (09/08/2016)	**Action:** Implement new lab demonstration and tasks that utilize newly donated electronic engines (09/08/2016)
Sensor operation - Know sensor operation. **Course Outcome Status:** Active **Next Assessment:** 2016-2017 **Start Date:** 06/19/2014	**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.	**Reporting Period:** 2015-2016 **Criterion Met:** Yes 0% passed with 90% of better 86% passed with 80% -89% 14%passed with 70-79% (09/08/2016)	
Electronic injector operation - Know electronic injector operation. **Course Outcome Status:** Active **Next Assessment:** 2016-2017 **Start Date:** 06/19/2014	**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:	**Reporting Period:** 2015-2016 **Criterion Met:** Yes 0% passed with 90% of better 86% passed with 80% -89% 14%passed with 70-79% (09/08/2016)	**Action:** Align lab demonstration and tasks that utilize electronic engines with newly developed course class room power point (09/08/2016)

Course Outcomes	Assessment Measures	Results	Actions
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	**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	**Reporting Period:** 2015-2016 **Criterion Met:** Yes 0% passed with 90% of better 86% passed with 80% -89% 14%passed with 70-79% (09/08/2016)	**Action:** Align lab demonstration and tasks that utilize electronic engines with newly developed course class room power point (09/08/2016)
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	**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:	**Reporting Period:** 2015-2016 **Criterion Met:** Yes 0% passed with 90% of better 86% passed with 80% -89% 14%passed with 70-79% (09/08/2016)	**Action:** Align lab demonstration and tasks that utilize electronic engines with newly developed course class room power point. (09/08/2016)
Faulty electronic components - Demonstrate the ability to locate faulty electronic components **Course Outcome Status:** Active **Next Assessment:** 2019-2020 **Start Date:** 08/03/2015	**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:	**Reporting Period:** 2015-2016 **Criterion Met:** Yes 0% passed with 90% of better 86% passed with 80% -89% 14%passed with 70-79% (09/08/2016)	**Action:** Align lab demonstration and tasks that utilize electronic engines with newly developed course class room power point (09/08/2016)