Course Assessment Report - 4 Column

Great Basin College

Courses (CTE) - Diesel Technology

Course Outcomes 1 and ctu.unitid = 698	Means of Assessment & Criteria / Tasks	Results	Action & Follow-Up
DT 215 - Electronic Diesel Engines - Electronic component operation as related to fuel systems. - Know electronic component operation as related to fuel systems. **Next Assessment:** 2016-2017 **Start Date:** 06/19/2014 **Course Outcome Status:** Active	**Assessment Measure:** The ability to explain the system in written form as well as verbal. The student should also be able to use the principle for trouble shooting in the lab. **Assessment Measure Category:** Assignment - Lab **Criterion:** Pass the explanation to a level of 80% of how the system works.	08/04/2015 - About 80 % of the students meet this requirement. **Criterion Met:** Yes **Reporting Period:** 2014-2015	08/04/2015 - Use of different videos as well as allow the students the opportunity to explain the systems to others,
DT 215 - Electronic Diesel Engines - Sensor operation - Know sensor operation. **Next Assessment:** 2016-2017 **Start Date:** 06/19/2014 **Course Outcome Status:** Active	**Assessment Measure:** (1) Written examination. (2) Practical evaluation. Students will be asked to physically demonstrate competencies in laboratory exercises. (3) Verbal. Students demonstrate competence through oral examinations **Assessment Measure Category:** Exam **Criterion:** 80 percent or better	08/04/2015 - 80 percent passed the written with 90 or better 70 percent could identify the sensors 80 percent could explain the sensors **Criterion Met:** Yes **Reporting Period:** 2014-2015	08/04/2015 - More sensor identification activities. Research papers on sensors
DT 215 - Electronic Diesel Engines - Electronic injector operation - Know electronic injector operation. **Next Assessment:** 2016-2017 **Start Date:** 06/19/2014 **Course Outcome Status:** Active	**Assessment Measure:** 1) Written examination. (2) Practical evaluation. Students will be asked to physically demonstrate competencies in laboratory exercises. (3) Verbal. Students demonstrate competence through oral examinations **Assessment Measure Category:** Exam **Criterion:** 80 percent or better	08/04/2015 - There was 15 percent that did not reach this level of skill. **Criterion Met:** Yes **Reporting Period:** 2014-2015	08/04/2015 - Build some cut away injector modules.
DT 215 - Electronic Diesel Engines - Operate electronic trouble shooting test equipment - Demonstrate the ability to operate electronic trouble shooting test equipment. **Next Assessment:** 2016-2017	**Assessment Measure:** 1) Written examination. (2) Practical evaluation. Students will be asked to physically demonstrate competencies in laboratory exercises. (3) Verbal. Students demonstrate competence	08/04/2015 - There was only about 60 percent that could do this effectively by the end of the course. **Criterion Met:** No **Reporting Period:** 2014-2015	08/04/2015 - Get better scan tools. Make better lab task that will help them understand and explore.

Course Outcomes 1 and ctu.unitid = 698	Means of Assessment & Criteria / Tasks	Results	Action & Follow-Up
Start Date: 06/19/2014 **Course Outcome Status:** Active	through oral examinations **Assessment Measure Category:** Exam **Criterion:** 80 percent or better		
DT 215 - Electronic Diesel Engines - Test sensor operation on and off engine - Demonstrate the ability to test sensor operation on and off engine. **Next Assessment:** 2016-2017 **Start Date:** 06/19/2014 **Course Outcome Status:** Active	**Assessment Measure:** 1) Written examination. (2) Practical evaluation. Students will be asked to physically demonstrate competencies in laboratory exercises. (3) Verbal. Students demonstrate competence through oral examinations **Assessment Measure Category:** Exam **Criterion:** 80 percent or better	08/04/2015 - There was only about 60 percent that could do this effectively by the end of the course. **Criterion Met:** No **Reporting Period:** 2014-2015	08/04/2015 - Make better lab task that will help them understand and explore. Find more bad sensors and good sensors to test for practice.
DT 215 - Electronic Diesel Engines - Faulty electronic components - Demonstrate the ability to locate faulty electronic components **Next Assessment:** 2019-2020 **Start Date:** 08/03/2015 **Course Outcome Status:** Active	**Assessment Measure:** Written examination. (2) Practical evaluation. Students will be asked to physically demonstrate competencies in laboratory exercises. (3) Verbal. Students demonstrate competence through oral examinations **Assessment Measure Category:** Exam **Criterion:** 80 percent or be	08/04/2015 - There was only 40 percent that reached the criteria. **Criterion Met:** Yes **Reporting Period:** 2014-2015	08/04/2015 - I think the reason for the results is many of the students did not do very well in electrical and struggled to grasp the concepts. I will review more electrical theory before.