



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 106 - Heavy Duty Trans/Power Tr - Safety precautions power train systems and components - Know and demonstrate safety precautions when working on power train systems and components. Next Assessment: 2019-2020	Assessment Measure: Written exams and practices. Assessment Measure Category: Exam Criterion: Pass exams. Perform safety practices in the shop.	08/03/2015 - Students seem to do well performing safe practices. Criterion Met: Yes Reporting Period: 2014-2015	08/03/2015 - Students seem to do well performing safe practices.
Course Outcome Status: Active			
DT 106 - Heavy Duty Trans/Power Tr - Gears, gear ratios, and speed - Know and demonstrate how to identify gears, gear ratios, and speed. Next Assessment: 2019-2020 Start Date: 08/03/2015	Assessment Measure: Written exams. Identify different gears. Perform gear calculations for ratio and speed. Assessment Measure Category: Exam Criterion: Pass exams. Identify different gears. Perform mathematical equations for determining ratios and speed.	08/03/2015 - Students seem to do well identifying gears, and performing the mathematical equations for ratio and speed. They can relate them to power trains systems. Criterion Met: Yes Reporting Period: 2014-2015	08/03/2015 - Keep using same activities for the gears, ratios, and speed calculations.
Course Outcome Status: Active			
DT 106 - Heavy Duty Trans/Power Tr - Differential- preloads, backlash, Run-out, ring and pinion adjustments, tooth contact patterns. - Know and demonstrate how to set up a differential. Preloads, backlash, Run-out, ring and pinion adjustments, tooth contact patterns. Next Assessment: 2019-2020 Start Date: 08/03/2015	Assessment Measure: Written exams. Hands on activities using various differential assemblies. Assessment Measure Category: Exam Criterion: Pass exams. Demonstrate proper procedures for D&A of a differential.	08/03/2015 - Students enjoy D&A of differentials assemblies. They gain understanding and importance of proper procedures for setting up a differential assembly. Criterion Met: Yes Reporting Period: 2014-2015	08/03/2015 - Keep using the hands on activities with differential assemblies.
Course Outcome Status: Active			
DT 106 - Heavy Duty Trans/Power Tr - Power flow through differentials, manual, transmissions, automatic transmissions and power shift transmissions. - Know and demonstrate the power flow through differentials, manual, transmissions, automatic transmissions and power shift transmissions. Next Assessment: 2019-2020 Start Date: 08/03/2015	Assessment Measure: Written exams. Hands on activities with D&A of components. Assessment Measure Category: Exam Criterion: Pass exams. Provide oral and written reports. Demonstrate proper procedures for D&A of the different components.	08/03/2015 - Students seem to enjoy D&A of the different components. They gain understanding of operation of each component. Criterion Met: Yes Reporting Period: 2014-2015	08/03/2015 - Keep using components for D&A. Would like to receive at least 8 Allison transmissions and 1 planetary power shift transmission.
Course Outcome Status: Active			

Course Outcomes 1 and ctu.unitid = 698	Means of Assessment & Criteria / Tasks	Results	Action & Follow-Up
<p>DT 106 - Heavy Duty Trans/Power Tr - Torque convertors, clutches, and planetary gears function - Know and demonstrate how torque convertors, clutches, and planetary gears function.</p> <p>Next Assessment: 2019-2020</p> <p>Start Date: 08/03/2015</p> <p>Course Outcome Status: Active</p>	<p>Assessment Measure: Written exams. Hands on activities with each component.</p> <p>Assessment Measure Category: Exam</p> <p>Criterion: Pass exams. Provide written and oral reports on components. Identify and explain functions of components.</p>	<p>08/03/2015 - Students seem to understand the components while D&A of various components.</p> <p>Criterion Met: Yes</p> <p>Reporting Period: 2014-2015</p>	<p>08/03/2015 - Keep using components for D&A.</p> <hr/>
<p>DT 106 - Heavy Duty Trans/Power Tr - Adjust clutches - Know and demonstrate how to adjust clutches.</p> <p>Next Assessment: 2019-2020</p> <p>Start Date: 08/03/2015</p> <p>Course Outcome Status: Active</p>	<p>Assessment Measure: Written exams. Hands on activities.</p> <p>Assessment Measure Category: Exam</p> <p>Criterion: Pass exams. Perform task of adjusting a clutch.</p>	<p>08/03/2015 - Students seem to enjoy and understand how to adjust clutches and inspect clutch assemblies.</p> <p>Criterion Met: Yes</p> <p>Reporting Period: 2014-2015</p>	<p>08/03/2015 - Keep using over the road truck for clutch adjustment procedures.</p> <hr/>