



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
<p>DT 106 Whitehead - Heavy Duty Transmissions and Power Trains - safety precautions power train systems - Know and demonstrate the safety precautions to be applied when working on power train systems and components.</p> <p>Next Assessment: 2019-2020</p> <p>Start Date: 08/03/2015</p> <p>Course Outcome Status: Active</p>	<p>Assessment Measure: Written Examination Students will be asked to show competence by kinesthetic demonstration</p> <p>Assessment Measure Category: Exam</p> <p>Criterion: Written Examination Students will be asked to show competence by kinesthetic demonstration</p>	<p>08/05/2015 - 29% passed with 90% of better 36% passed with 80% -89% 21% passed with 70-79% 14% did not pass (2 of 14 no show in class and didn't withdraw)</p> <p>Criterion Met: Yes</p> <p>Reporting Period: 2014-2015</p>	
<p>DT 106 Whitehead - Heavy Duty Transmissions and Power Trains - Calculate gear ratios and speed - Know and demonstrate how to calculate gear ratios and speed.</p> <p>Next Assessment: 2019-2020</p> <p>Start Date: 08/03/2015</p> <p>Course Outcome Status: Active</p>	<p>Assessment Measure: Written Examination Students will be asked to show competence by kinesthetic demonstration</p> <p>Assessment Measure Category: Exam</p> <p>Criterion: Students demonstrate competence by presenting oral demonstrations in groups and individually and pass a written final</p>	<p>08/05/2015 - 29% passed with 90% of better 36% passed with 80% -89% 21% passed with 70-79% 14% did not pass (2 of 14 no show in class and didn't withdraw)</p> <p>Criterion Met: Yes</p> <p>Reporting Period: 2014-2015</p>	
<p>DT 106 Whitehead - Heavy Duty Transmissions and Power Trains - Differential - Know and demonstrate how to set up a differential; preloads, backlash, run-out, and ring and pinion adjustments</p> <p>Next Assessment: 2019-2020</p> <p>Start Date: 08/03/2015</p> <p>Course Outcome Status: Active</p>	<p>Assessment Measure: Written Examination Students will be asked to show competence by kinesthetic demonstration</p> <p>Assessment Measure Category: Exam</p> <p>Criterion: Students demonstrate competence by presenting oral demonstrations in groups and individually and pass a written final</p>	<p>08/05/2015 - 29% passed with 90% of better 36% passed with 80% -89% 21% passed with 70-79% 14% did not pass (2 of 14 no show in class and didn't withdraw)</p> <p>Criterion Met: Yes</p> <p>Reporting Period: 2014-2015</p>	
<p>DT 106 Whitehead - Heavy Duty Transmissions and Power Trains - Tooth contact patterns - Know and demonstrate proper tooth contact patterns</p> <p>Next Assessment: 2019-2020</p> <p>Start Date: 08/03/2015</p>	<p>Assessment Measure: Written Examination Students will be asked to show competence by kinesthetic demonstration</p> <p>Assessment Measure Category: Exam</p> <p>Criterion:</p>	<p>08/05/2015 - 29% passed with 90% of better 36% passed with 80% -89% 21% passed with 70-79% 14% did not pass (2 of 14 no show in class and didn't withdraw)</p> <p>Criterion Met: Yes</p>	

Course Outcomes 1 and ctu.unitid = 698	Means of Assessment & Criteria / Tasks	Results	Action & Follow-Up
Course Outcome Status: Active	Students demonstrate competence by presenting oral demonstrations in groups and individually and pass a written final	Reporting Period: 2014-2015	
DT 106 Whitehead - Heavy Duty Transmissions and Power Trains - Power flow through a tandem axle power - Know and demonstrate the power flow through a tandem axle power divider differential assembly. Next Assessment: 2019-2020 Start Date: 08/03/2015 Course Outcome Status: Active	Assessment Measure: Written Examination Students will be asked to show competence by kinesthetic demonstration Assessment Measure Category: Exam Criterion: Students demonstrate competence by presenting oral demonstrations in groups and individually and pass a written final	08/05/2015 - 29% passed with 90% of better 36% passed with 80% -89% 21% passed with 70-79% 14% did not pass (2 of 14 no show in class and didn't withdraw) Criterion Met: Yes Reporting Period: 2014-2015	
DT 106 Whitehead - Heavy Duty Transmissions and Power Trains - Standard transmission - Know and demonstrate power flow through a standard transmission Next Assessment: 2019-2020 Start Date: 08/03/2015 Course Outcome Status: Active	Assessment Measure: Written Examination Students will be asked to show competence by kinesthetic demonstration Assessment Measure Category: Exam Criterion: Students demonstrate competence by presenting oral demonstrations in groups and individually and pass a written final	08/05/2015 - 29% passed with 90% of better 36% passed with 80% -89% 21% passed with 70-79% 14% did not pass (2 of 14 no show in class and didn't withdraw) Criterion Met: Yes Reporting Period: 2014-2015	
DT 106 Whitehead - Heavy Duty Transmissions and Power Trains - Single and double disc clutch - Know and demonstrate how to adjust both a single and double disc clutch Next Assessment: 2019-2020 Start Date: 08/03/2015 Course Outcome Status: Active	Assessment Measure: Written Examination Students will be asked to show competence by kinesthetic demonstration Assessment Measure Category: Exam Criterion: Students demonstrate competence by presenting oral demonstrations in groups and individually and pass a written final	08/05/2015 - 29% passed with 90% of better 36% passed with 80% -89% 21% passed with 70-79% 14% did not pass (2 of 14 no show in class and didn't withdraw) Criterion Met: Yes Reporting Period: 2014-2015	
DT 106 Whitehead - Heavy Duty Transmissions and Power Trains - Torque convertors - Know and demonstrate the function of a torque convertor Next Assessment: 2019-2020 Start Date: 08/03/2015	Assessment Measure: Written Examination Students will be asked to show competence by kinesthetic demonstration Assessment Measure Category: Exam	08/05/2015 - 29% passed with 90% of better 36% passed with 80% -89% 21% passed with 70-79% 14% did not pass (2 of 14 no show in class and didn't withdraw) Criterion Met: Yes	

Course Outcomes 1 and ctu.unitid = 698	Means of Assessment & Criteria / Tasks	Results	Action & Follow-Up
Course Outcome Status: Active	Criterion: Students demonstrate competence by presenting oral demonstrations in groups and individually and pass a written final	Reporting Period: 2014-2015	
DT 106 Whitehead - Heavy Duty Transmissions and Power Trains - Different types of torque convertor - Know and demonstrate the function of different types of torque convertors Next Assessment: 2019-2020 Start Date: 08/03/2015 Course Outcome Status: Active	Assessment Measure: Written Examination Students will be asked to show competence by kinesthetic demonstration Assessment Measure Category: Exam Criterion: Students demonstrate competence by presenting oral demonstrations in groups and individually and pass a written final	08/05/2015 - 29% passed with 90% of better 36% passed with 80% -89% 21% passed with 70-79% 14% did not pass (2 of 14 no show in class and didn't withdraw) Criterion Met: Yes Reporting Period: 2014-2015	
DT 106 Whitehead - Heavy Duty Transmissions and Power Trains - Power-shift transmission control valves - Know and demonstrate the function of power-shift transmission control valves Next Assessment: 2019-2020 Start Date: 08/03/2015 Course Outcome Status: Active	Assessment Measure: Written Examination Students will be asked to show competence by kinesthetic demonstration Assessment Measure Category: Exam Criterion: Students demonstrate competence by presenting oral demonstrations in groups and individually and pass a written final	08/05/2015 - 29% passed with 90% of better 36% passed with 80% -89% 21% passed with 70-79% 14% did not pass (2 of 14 no show in class and didn't withdraw) Criterion Met: Yes Reporting Period: 2014-2015	08/05/2015 - Locate Set up and build a stand/ cut way for the powershift transmission to help demonstrate and perform lab exercises for this section
DT 106 Whitehead - Heavy Duty Transmissions and Power Trains - Torque convert inlet and outlet pressure tests - Know and demonstrate how to make torque convert inlet and outlet pressure tests and analyze the results Next Assessment: 2019-2020 Start Date: 08/03/2015 Course Outcome Status: Active	Assessment Measure: Written Examination Students will be asked to show competence by kinesthetic demonstration Assessment Measure Category: Exam Criterion: Students demonstrate competence by presenting oral demonstrations in groups and individually and pass a written final	08/05/2015 - 29% passed with 90% of better 36% passed with 80% -89% 21% passed with 70-79% 14% did not pass (2 of 14 no show in class and didn't withdraw) Criterion Met: Yes Reporting Period: 2014-2015	
DT 106 Whitehead - Heavy Duty Transmissions and Power Trains - Power-shift clutch pressures - Know and demonstrate how to make and analyze power-shift clutch pressures.	Assessment Measure: Written Examination Students will be asked to show competence by kinesthetic demonstration	08/05/2015 - 29% passed with 90% of better 36% passed with 80% -89% 21% passed with 70-79% 14% did not pass (2 of 14 no show in class and didn't withdraw)	08/05/2015 - Locate Set up and build a stand/ cut way for the powershift transmission to help demonstrate and perform lab exercises for this section

Course Outcomes 1 and ctu.unitid = 698	Means of Assessment & Criteria / Tasks	Results	Action & Follow-Up
<p>Next Assessment: 2019-2020</p> <p>Start Date: 08/03/2015</p> <p>Course Outcome Status: Active</p>	<p>Assessment Measure Category: Exam</p> <p>Criterion: Students demonstrate competence by presenting oral demonstrations in groups and individually and pass a written final</p>	<p>Criterion Met: Yes</p> <p>Reporting Period: 2014-2015</p>	
<p>DT 106 Whitehead - Heavy Duty Transmissions and Power Trains - Planetary gear sets - Know and demonstrate power flows through planetary gear sets.</p> <p>Next Assessment: 2019-2020</p> <p>Start Date: 08/03/2015</p> <p>Course Outcome Status: Active</p>	<p>Assessment Measure: Written Examination</p> <p>Students will be asked to show competence by kinesthetic demonstration</p> <p>Assessment Measure Category: Exam</p> <p>Criterion: Students demonstrate competence by presenting oral demonstrations in groups and individually and pass a written final</p>	<p>08/05/2015 - 29% passed with 90% of better 36% passed with 80% -89% 21% passed with 70-79% 14% did not pass (2 of 14 no show in class and didn't withdraw)</p> <p>Criterion Met: Yes</p> <p>Reporting Period: 2014-2015</p>	
<p>DT 106 Whitehead - Heavy Duty Transmissions and Power Trains - Driveline angles - Know and demonstrate how to make and calculate driveline angles</p> <p>Next Assessment: 2019-2020</p> <p>Start Date: 08/03/2015</p> <p>Course Outcome Status: Active</p>	<p>Assessment Measure: Written Examination</p> <p>Students will be asked to show competence by kinesthetic demonstration</p> <p>Assessment Measure Category: Exam</p> <p>Criterion: Students demonstrate competence by presenting oral demonstrations in groups and individually and pass a written final</p>	<p>08/05/2015 - 29% passed with 90% of better 36% passed with 80% -89% 21% passed with 70-79% 14% did not pass (2 of 14 no show in class and didn't withdraw)</p> <p>Criterion Met: Yes</p> <p>Reporting Period: 2014-2015</p>	<p>08/05/2015 - Expand lab time and exercises to help demonstrate this procedure</p>
<p>DT 106 Whitehead - Heavy Duty Transmissions and Power Trains - Power-shift transmission and torque convertor system - Identify of the components of a power-shift transmission and torque convertor system.</p> <p>Next Assessment: 2019-2020</p> <p>Start Date: 08/03/2015</p> <p>Course Outcome Status: Active</p>	<p>Assessment Measure: Written Examination</p> <p>Students will be asked to show competence by kinesthetic demonstration</p> <p>Assessment Measure Category: Exam</p> <p>Criterion: Students demonstrate competence by presenting oral demonstrations in groups and individually and pass a written final</p>	<p>08/05/2015 - 29% passed with 90% of better 36% passed with 80% -89% 21% passed with 70-79% 14% did not pass (2 of 14 no show in class and didn't withdraw)</p> <p>Criterion Met: Yes</p> <p>Reporting Period: 2014-2015</p>	<p>08/05/2015 - Locate Set up and build a stand/ cut way for the powershift transmission to help demonstrate and perform lab exercises for this section</p>
<p>DT 106 Whitehead - Heavy Duty Transmissions and Power Trains - Failure Analysis procedure -</p>	<p>Assessment Measure: Written Examination</p>	<p>08/05/2015 - 29% passed with 90% of better 36% passed with 80% -89%</p>	

Course Outcomes 1 and ctu.unitid = 698	Means of Assessment & Criteria / Tasks	Results	Action & Follow-Up
<p>Know and demonstrate how to follow the proper Failure Analysis procedure to find the Root Cause of the Failure</p> <p>Next Assessment: 2019-2020</p> <p>Start Date: 08/03/2015</p> <p>Course Outcome Status: Active</p>	<p>Students will be asked to show competence by kinesthetic demonstration</p> <p>Assessment Measure Category: Exam</p> <p>Criterion: Students demonstrate competence by presenting oral demonstrations in groups and individually and pass a written final</p>	<p>21% passed with 70-79% 14% did not pass (2 of 14 no show in class and didn't withdraw)</p> <p>Criterion Met: Yes</p> <p>Reporting Period: 2014-2015</p>	
<p>DT 106 Whitehead - Heavy Duty Transmissions and Power Trains - Fractures - Know and demonstrate how to recognize different types of Fractures</p> <p>Next Assessment: 2019-2020</p> <p>Start Date: 08/03/2015</p> <p>Course Outcome Status: Active</p>	<p>Assessment Measure: Written Examination</p> <p>Students will be asked to show competence by kinesthetic demonstration</p> <p>Assessment Measure Category: Exam</p> <p>Criterion: Students demonstrate competence by presenting oral demonstrations in groups and individually and pass a written final</p>	<p>08/05/2015 - 29% passed with 90% of better 36% passed with 80% -89% 21% passed with 70-79% 14% did not pass (2 of 14 no show in class and didn't withdraw)</p> <p>Criterion Met: Yes</p> <p>Reporting Period: 2014-2015</p>	
<p>DT 106 Whitehead - Heavy Duty Transmissions and Power Trains - Wear - Know and demonstrate how to recognize different types of Wear.</p> <p>Next Assessment: 2019-2020</p> <p>Start Date: 08/03/2015</p> <p>Course Outcome Status: Active</p>	<p>Assessment Measure: Written Examination</p> <p>Students will be asked to show competence by kinesthetic demonstration</p> <p>Assessment Measure Category: Exam</p> <p>Criterion: Students demonstrate competence by presenting oral demonstrations in groups and individually and pass a written final</p>	<p>08/05/2015 - 29% passed with 90% of better 36% passed with 80% -89% 21% passed with 70-79% 14% did not pass (2 of 14 no show in class and didn't withdraw)</p> <p>Criterion Met: Yes</p> <p>Reporting Period: 2014-2015</p>	
<p>DT 106 Whitehead - Heavy Duty Transmissions and Power Trains - Steering and suspension components - Know and demonstrate procedures on diagnosing and inspecting steering and suspension components</p> <p>Next Assessment: 2019-2020</p> <p>Start Date: 08/03/2015</p> <p>Course Outcome Status: Active</p>	<p>Assessment Measure: Written Examination</p> <p>Students will be asked to show competence by kinesthetic demonstration</p> <p>Assessment Measure Category: Exam</p> <p>Criterion: Students demonstrate competence by presenting oral demonstrations in groups and individually and pass a written final</p>	<p>08/05/2015 - N/A</p> <p>Criterion Met: N/A</p> <p>Reporting Period: 2014-2015</p>	<p>08/05/2015 - Added section to this course curriculum. Add Lab exercises and class room lectures to help demonstrate these procedures</p>

Course Outcomes 1 and ctu.unitid = 698	Means of Assessment & Criteria / Tasks	Results	Action & Follow-Up