

Assessment: Course Four Column

Courses (CTE) - Diesel Technology

DT 106 Whitehead: Heavy Duty Transmissions and Power Trains

<i>Course Outcomes</i>	<i>Assessment Measures</i>	<i>Results</i>	<i>Actions</i>
<p>safety precautions power train systems - Know and demonstrate the safety precautions to be applied when working on power train systems and components.</p> <p>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</p> <p>Criterion: Students demonstrate competence by presenting oral demonstrations in groups and individually and pass a written final</p>	<p>Reporting Period: 2017-2018 Criterion Met: Yes 29% passed with 90% of better 29% passed with 80% -89% 33%passed with 70-79% 6%passed with 60-69% 3%passed with bellow 59% (no show)</p> <p>Results Analysis: Revision power point and new standardized lab work, worked very well to improving student understanding of tasks and concept/ theory (10/23/2018)</p>	
<p>Differential - Know and demonstrate how to set up a differential; preloads, backlash, run-out, and ring and pinion adjustments</p> <p>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</p> <p>Criterion: Students demonstrate competence by presenting oral demonstrations in groups and individually and pass a written final</p>	<p>Reporting Period: 2017-2018 Criterion Met: Yes 29% passed with 90% of better 29% passed with 80% -89% 33%passed with 70-79% 6%passed with 60-69% 3%passed with bellow 59% (no show)</p> <p>Results Analysis: Revision power point and new standardized lab work, worked very well to improving student understanding of tasks and concept/ theory (10/23/2018)</p>	<p>Action: Next area need to standardized will common equipment (10/23/2018)</p>
<p>Power flow through a tandem axle power - Know and demonstrate the</p>	<p>Exam - Written Examination Students will be asked to show</p>	<p>Reporting Period: 2017-2018 Criterion Met: Yes</p>	<p>Action: Completion of new trainer and added lab work with it</p>

<i>Course Outcomes</i>	<i>Assessment Measures</i>	<i>Results</i>	<i>Actions</i>
<p>power flow through a tandem axle power divider differential assembly. Course Outcome Status: Active Next Assessment: 2019-2020 Start Date: 08/03/2015</p>	<p>competence by kinesthetic demonstration Criterion: Students demonstrate competence by presenting oral demonstrations in groups and individually and pass a written final</p>	<p>29% passed with 90% of better 29% passed with 80% -89% 33%passed with 70-79% 6%passed with 60-69% 3%passed with bellow 59% (no show) Results Analysis: Revision power point and new standardized lab work, worked very well to improving student understanding of tasks and concept/ theory. (10/23/2018)</p>	<p>(10/23/2018)</p>
<p>Single and double disc clutch - Know and demonstrate how to adjust both a single and double disc clutch 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: 2017-2018 Criterion Met: Yes 29% passed with 90% of better 29% passed with 80% -89% 33%passed with 70-79% 6%passed with 60-69% 3%passed with bellow 59% (no show) Results Analysis: Results Analysis: Revision power point and new standardized lab work, worked very well to improving student understanding of tasks and concept/ theory (10/23/2018)</p>	<p>Action: Hoping to add new trainer to complement the truck we currently have (10/23/2018)</p>
<p>Torque convertors - Know and demonstrate the function of a torque convertor 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: 2017-2018 Criterion Met: Yes Results: 29% passed with 90% of better 29% passed with 80% -89% 33%passed with 70-79% 6%passed with 60-69% 3%passed with bellow 59% (no show) Results Analysis: 1. Results Analysis: Revision power point and new standardized lab work, worked very well to improving student understanding of tasks and concept/ theory (10/23/2018)</p>	
<p>Planetary gear sets - Know and demonstrate power flows through planetary gear sets.</p>	<p>Exam - Written Examination Students will be asked to show competence by kinesthetic</p>	<p>Reporting Period: 2017-2018 Criterion Met: Yes Results:</p>	

<i>Course Outcomes</i>	<i>Assessment Measures</i>	<i>Results</i>	<i>Actions</i>
<p>Course Outcome Status: Active Next Assessment: 2019-2020 Start Date: 08/03/2015</p>	<p>demonstration</p> <p>Criterion: Students demonstrate competence by presenting oral demonstrations in groups and individually and pass a written final</p>	<p>29% passed with 90% of better 29% passed with 80% -89% 33%passed with 70-79% 6%passed with 60-69% 3%passed with bellow 59% (no show)</p> <p>Results Analysis: Revision power point and new standardized lab work, worked very well to improving student understanding of tasks and concept/ theory (10/23/2018)</p>	
<p>Driveline angles - Know and demonstrate how to make and calculate driveline angles 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</p> <p>Criterion: Students demonstrate competence by presenting oral demonstrations in groups and individually and pass a written final</p>	<p>Reporting Period: 2017-2018 Criterion Met: Yes Results: 29% passed with 90% of better 29% passed with 80% -89% 33%passed with 70-79% 6%passed with 60-69% 3%passed with bellow 59% (no show)</p> <p>Results Analysis: Revision power point and new standardized lab work, worked very well to improving student understanding of tasks and concept/ theory (10/23/2018)</p>	<p>Action: More Lab work to come (10/23/2018)</p>
<p>Power flow and how to disassemble inspect, reassemble an Allison automatic transmissions - Know and demonstrate the power flow and how to disassemble inspect, reassemble an Allison automatic transmissions Course Outcome Status: Active Next Assessment: 2023-2024</p>	<p>Exam - Written Examination. Students will be asked to show competence by kinesthetic demonstration</p> <p>Criterion: Students demonstrate competence by presenting oral demonstrations in groups and individually and pass a written final</p>	<p>Reporting Period: 2017-2018 Criterion Met: Yes 29% passed with 90% of better 29% passed with 80% -89% 33%passed with 70-79% 6%passed with 60-69% 3%passed with bellow 59% (no show)</p> <p>Results Analysis: Revision power point and new standardized lab work, worked very well to improving student understanding of tasks and concept/ theory (10/23/2018)</p>	
<p>Power flow and how to disassemble inspect, reassemble SM465 standard transmissions - Know and demonstrate the power flow and how</p>	<p>Exam - Written Examination. Students will be asked to show competence by kinesthetic</p>	<p>Reporting Period: 2017-2018 Criterion Met: Yes 29% passed with 90% of better</p>	<p>Action: This course is shaping up very nicely with all the standardized equipment making</p>

<i>Course Outcomes</i>	<i>Assessment Measures</i>	<i>Results</i>	<i>Actions</i>
to disassemble inspect, reassemble SM465 standard transmissions Course Outcome Status: Active Next Assessment: 2023-2024	demonstration Criterion: Students demonstrate competence by presenting oral demonstrations in groups and individually and pass a written final	29% passed with 80% -89% 33%passed with 70-79% 6%passed with 60-69% 3%passed with bellow 59% (no show) Results Analysis: Revision power point and new standardized lab work, worked very well to improving student understanding of tasks and concept/ theory (10/23/2018)	demonstrations and lab work much easier for the students to follow. (10/23/2018)