

Assessment: Course Four Column



Courses (CTE) - Diesel Technology

DT 105:Mobile Air Conditioning

Course Outcomes	Assessment Measures	Results	Actions
<p>Demonstrate personal safe working practices consistent with Industry - Demonstrate personal safe working practices consistent with Industry Course Outcome Status: Active Next Assessment: 2022-2023</p>	<p>Evaluation - Practical evaluation. Students will be asked to physically demonstrate competencies in laboratory exercises. Criterion: Students demonstrate competence by presenting demonstrations in groups and individually with instructor.</p>	<p>Reporting Period: 2017-2018 Criterion Met: Yes 63% passed with 90% of better 27% passed with 80% -89% 10%passed with 70-79% 0%passed with 60-69% 0%passed with bellow 59% (no show)</p> <p>Results Analysis: Power point and lab work, worked well for student understanding of tasks and concept/ theory (11/07/2018)</p>	<p>Action: Implement A/C trainers in lab next year (11/07/2018)</p>
<p>Identify two different types of air conditioning systems - Identify two different types of air conditioning systems Course Outcome Status: Active Next Assessment: 2022-2023</p>	<p>Demonstrate - Verbal. Students demonstrate competence through oral examinations. Criterion: Students demonstrate competence by presenting oral demonstrations in groups and individually with instructor.</p>	<p>Reporting Period: 2017-2018 Criterion Met: Yes 78% passed with 90% of better 12% passed with 80% -89% 10%passed with 70-79% 0%passed with 60-69% 0%passed with bellow 59% (no show)</p> <p>Results Analysis: Power point and lab work, worked well for student understanding of tasks and concept/ theory (11/07/2018)</p>	
<p>Functions of the major components of TXV and Orifice tube systems - Identify and state the functions of the major components of TXV and Orifice</p>	<p>Exam - Written final exam Criterion: Students demonstrate competence by taking written exams of material covered in text and class</p>	<p>Reporting Period: 2017-2018 Criterion Met: Yes 80% passed with 90% of better 10% passed with 80% -89%</p>	

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tube systems Course Outcome Status: Active Next Assessment: 2022-2023	discussions.	10%passed with 70-79% 0%passed with 60-69% 0%passed with bellow 59% (no show) Results Analysis: Power point and lab work, worked well for student understanding of tasks and concept/ theory (11/07/2018)	
Basic operation of an air conditioning system - Describe the basic operation of an air conditioning system Course Outcome Status: Active Next Assessment: 2022-2023	Exam - Written exam Criterion: Students demonstrate competence by taking written exams of material covered in text and class discussions.	Reporting Period: 2017-2018 Criterion Met: Yes 77% passed with 90% of better 15% passed with 80% -89% 8%passed with 70-79% 0%passed with 60-69% 0%passed with bellow 59% (no show) Results Analysis: Power point and lab work, worked well for student understanding of tasks and concept/ theory (11/07/2018)	
Perform a basic maintenance inspection of an air conditioning and properly attach a recovery machine to the system - Perform a basic maintenance inspection of an air conditioning and properly attach a recovery machine to the system Course Outcome Status: Active Next Assessment: 2022-2023	Evaluation - Practical evaluation. Students will be asked to physically demonstrate competencies in laboratory exercises Criterion: Students demonstrate competence by presenting demonstrations in groups and individually with instructor.	Reporting Period: 2017-2018 Criterion Met: Yes 63% passed with 90% of better 27% passed with 80% -89% 10%passed with 70-79% 0%passed with 60-69% 0%passed with bellow 59% (no show) Results Analysis: Power point and lab work, worked well for student understanding of tasks and concept/ theory (11/07/2018)	Action: Implement A/C trainers in lab next year (11/07/2018)
Demonstrate the ability to properly charge an air conditioning system - Demonstrate the ability to properly charge an air conditioning system Course Outcome Status: Active Next Assessment: 2022-2023	Evaluation - Practical evaluation. Students will be asked to physically demonstrate competencies in laboratory exercises Criterion: Students demonstrate competence by presenting demonstrations in groups and individually with instructor.	Reporting Period: 2017-2018 Criterion Met: Yes 63% passed with 90% of better 27% passed with 80% -89% 10%passed with 70-79% 0%passed with 60-69% 0%passed with bellow 59% (no show) Results Analysis: Power point and lab work, worked well for student	Action: Implement A/C trainers in lab next year (11/07/2018) Follow-Up: This was my first year teaching this short basic A/C course but using previous materials and implementing materials from the other instructors proved to work well for this course. Next year I plan to

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		understanding of tasks and concept/ theory (11/07/2018)	use the two lab trainers so more students can be hands on with components early in the class. (11/07/2018)