

Assessment: Course Four Column



Courses (CTE) - Industrial Millwright Tech

IT 214:Basic Electrical Theory

<i>Course Outcomes</i>	<i>Assessment Measures</i>	<i>Results</i>	<i>Actions</i>
<p>Understand basic electrical theory - Understand basic electrical theory Course Outcome Status: Active Next Assessment: 2022-2023</p>	<p>Exam - Written exam Criterion: 90% of students will pass with a 70% passing grade</p>	<p>Reporting Period: 2017-2018 Criterion Met: Yes 90 % of class passed with a 70% passing grade</p> <p>Results Analysis: Results were met. (12/12/2018)</p>	<p>Action: Continue current course assessment measures. (12/12/2018)</p>
<p>Use Ohm’s Law - Use Ohm’s Law. Course Outcome Status: Active Next Assessment: 2022-2023</p>	<p>Exam - Written exam Criterion: 90% of students will pass with a 70% passing grade</p>	<p>Reporting Period: 2017-2018 Criterion Met: Yes 70% of class passed with a 70% passing grade.</p> <p>Results Analysis: Only 70% of students passed with a 70% passing grade. (12/12/2018)</p>	<p>Action: We plan to work with the imbedded math instructor to make sure students understand Ohm’s Law. (12/12/2018)</p>
<p>Watt’s Law and understand power consumption - Use Watt’s Law and understand power consumption. Course Outcome Status: Active Next Assessment: 2022-2023</p>	<p>Internal Tracking - Students were not assessed. Criterion: 90% of students will pass with a 70% passing grade</p>	<p>Reporting Period: 2017-2018 Criterion Met: N/A Students not assessed. (12/17/2018)</p>	<p>Action: Watt’s Law does not need to be taught to millwright students. We need to remove this learner outcome from the syllabus. (12/17/2018)</p>
<p>Pire Wheel to trouble-shoot electrical circuits - Use the Pire Wheel to trouble-shoot electrical circuits. Course Outcome Status: Active Next Assessment: 2022-2023</p>	<p>Exam - Written exam Criterion: 90% of students will pass with a 70% passing grade.</p>	<p>Reporting Period: 2017-2018 Criterion Met: No 70% of class passed with a 70% passing grade.</p> <p>Results Analysis: Only 70% of students passed with a 70% passing grade. (12/17/2018)</p>	<p>Action: Remove this requirement from the curriculum. Millwrights do not need to know how to use the Pire Wheel. (12/17/2018)</p>

<i>Course Outcomes</i>	<i>Assessment Measures</i>	<i>Results</i>	<i>Actions</i>
<p>Troubleshoot motors and AC/DC generators - Troubleshoot motors and AC/DC generators. Course Outcome Status: Active Next Assessment: 2022-2023</p>	<p>Assessment - Practical assessment Criterion: 90% of students will pass with 70% pass or fail grade.</p>	<p>Reporting Period: 2017-2018 Criterion Met: Yes 90% of students passed with a 70% pass or fail grade.</p> <p>Results Analysis: Results were met. (12/17/2018)</p>	<p>Action: Continue current course assessment measures. (12/17/2018)</p>
<p>Work with electricity in a safe manner - Work with electricity in a safe manner. Course Outcome Status: Active Next Assessment: 2022-2023</p>	<p>Assessment - Practical assessment Criterion: 100% of students will pass.</p>	<p>Reporting Period: 2017-2018 Criterion Met: Yes Because this is a safety outcome, all students must pass.</p> <p>Results Analysis: Results were met. (12/17/2018)</p>	<p>Action: Continue current course assessment measures. (12/17/2018) Follow-Up: Need to add basic use of electrical meters and the theory of three-phase motors and how they operate. (12/17/2018)</p>