

Assessment: Program Four Column



Acad Program - Industrial Electrical Technology (AAS)

<i>Program Learning Outcomes</i>	<i>Assessment Methods</i>	<i>Assessment Results</i>	<i>Action Taken (Use of Results)</i>
<p>Circuit Operation - Interpret voltage, current and resistance characteristics as they relate to circuit operation.</p> <p>Outcome Status: Active/Ongoing Assessment Year: 2017 - 2018</p>	<p>Demonstration - Student performance determined from the fundamentals of electricity and electronics assessments.</p>	<p>Reporting Period: 2018 - 2019 BoY Result Type: On Track pending (10/22/2018) Analysis: pending</p>	<p>Action Taken (Use of Results): pending (10/16/2018)</p>
<p>Test Equipment Operation - Use proper electrical test equipment.</p> <p>Outcome Status: Active/Ongoing Assessment Year: 2017 - 2018</p>	<p>Demonstration - Assessments of student understanding and electrical test equipment usage.</p>	<p>Reporting Period: 2018 - 2019 BoY Result Type: On Track pending (10/16/2018) Analysis: pending</p>	<p>Action Taken (Use of Results): pending (10/16/2018)</p>
<p>Interpreting Blueprints - Proper interpretation of electrical drawings.</p> <p>Outcome Status: Active/Ongoing Assessment Year: 2017 - 2018</p>	<p>Exam - Reading and interpreting blueprint and electrical schematics.</p>	<p>Reporting Period: 2018 - 2019 BoY Result Type: On Track pending (10/16/2018) Analysis: pending</p>	<p>Action Taken (Use of Results): pending (10/22/2018)</p>
<p>Electrical Troubleshooting - Troubleshoot conventional and specialized motors and their feedback systems.</p> <p>Outcome Status: Active/Ongoing Assessment Year: 2017 - 2018</p>	<p>Demonstration - Student assessment on motor and feedback control system</p>	<p>Reporting Period: 2018 - 2019 BoY Result Type: On Track pending (10/16/2018) Analysis: pending</p>	<p>Action Taken (Use of Results): pending (10/22/2018)</p>
<p>Electrical Sensors - Select, install and troubleshoot industrial electrical sensors and devices.</p> <p>Outcome Status: Active/Ongoing Assessment Year: 2017 - 2018</p>	<p>Demonstration - Troubleshooting of advanced motor control systems</p>	<p>Reporting Period: 2018 - 2019 BoY Result Type: On Track pending (10/16/2018) Analysis: pending</p>	<p>Action Taken (Use of Results): pending (10/16/2018)</p>

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<p>Programmable Logic Controllers - Install, and troubleshoot a PLC and computer communications network. Outcome Status: Active/Ongoing Assessment Year: 2017 - 2018</p>	<p>Presentation - Programmable Logic Controller programming and troubleshooting lab exercise.</p>	<p>Reporting Period: 2018 - 2019 BoY Result Type: On Track pending (10/16/2018) Analysis: pending</p>	<p>Action Taken (Use of Results): pending (10/22/2018)</p>
<p>Diagram Interpretation - Understand residential, commercial, and industrial diagrams, as well as motor control, and instrumentation piping diagrams. Outcome Status: Active/Ongoing Assessment Year: 2017 - 2018</p>	<p>Demonstration - Assessment of student interpretation and understanding of electrical blueprints</p>	<p>Reporting Period: 2018 - 2019 BoY Result Type: On Track pending (10/16/2018) Analysis: pending</p>	<p>Action Taken (Use of Results): pending (10/16/2018)</p>
<p>Electrical Safety - Demonstrate knowledge of safety procedures, hazards, housekeeping, and appropriate cautions in the electrical industry Outcome Status: Active/Ongoing Assessment Year: 2017 - 2018</p>	<p>Exam - Students assessed on understanding and application of electrical safety.</p>	<p>Reporting Period: 2018 - 2019 BoY Result Type: On Track pending (10/16/2018) Analysis: pending</p>	<p>Action Taken (Use of Results): pending (10/16/2018)</p>