

Assessment: Course Four Column



Courses (CTE) - Electrical Instrumentation Tech

EIT 437:Computer Analog Control

<i>Course Outcomes</i>	<i>Assessment Measures</i>	<i>Results</i>	<i>Actions</i>
<p>Engineer working PLC system - Engineer working PLC system Course Outcome Status: Active Next Assessment: 2021-2022 Start Date: 09/12/2017</p>	<p>Internal Tracking - Rubric outlining all individual criteria necessary in engineering a complete system. Following criteria of Autocad drawings; neatness, correct symbols as per ISA standards, list of materials, drawing legend, drawing title block. Criterion: 100% passing rate with a passing grade of C- or better</p>	<p>Reporting Period: 2016-2017 Criterion Met: Yes Average class score was a 88% (09/12/2017)</p>	<p>Action: Delivery requirements for the class as a group. I spent too much time this year on 1 on 1 lecture. Create power points with step by step videos (09/12/2017)</p>
<p>Connect field devices to conventional control panels and PLC I/O - Connect field devices to conventional control panels and PLC I/O Course Outcome Status: Active Next Assessment: 2021-2022 Start Date: 09/12/2017</p>	<p>Exam - Practical Test – All students to demonstrate the ability to connect and I/O to panels and commission I/O and verify in program Criterion: 100% passing rate with a passing grade of C- or better</p>	<p>Reporting Period: 2016-2017 Criterion Met: Yes 100% passed (09/12/2017)</p>	<p>Action: Have enough test devices made up so groups do not have to share them. This will help not delay the class from moving forward (09/12/2017)</p>
<p>Troubleshoot errors in programming - Troubleshoot errors in programming Course Outcome Status: Active Start Date: 09/12/2017</p>	<p>Assignment - Project - Practical Group Test - Class split into groups of 3. I then created errors in the programming allowing students in teams to troubleshoot the errors. Criterion: 100% passing rate with a passing grade of C- or better</p>	<p>Reporting Period: 2016-2017 Criterion Met: Yes 100% passed (09/12/2017)</p>	<p>Action: Remotely access PLC from my office and put bugs in the programming that they have to troubleshoot. (09/12/2017) Follow-Up: Overall, I was very pleased with meeting the outcomes for this course. There</p>

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are some improvements to be made for next year's class.
(09/12/2017)