

Assessment: Course Four Column



Courses (CTE) - Electrical Systems Technology

ELM 104:Elec Workforce Train IV

Course Outcomes	Assessment Measures	Results	Actions
<p>Fire Alarm Systems - Fire Alarm Systems (15 Hours) Covers fire alarm control units, Digital Alarm Communicator Systems (DACs), wiring for alarm initiating and notification devices, and alarm system maintenance.</p> <p>Course Outcome Status: Active Next Assessment: 2021-2022 Start Date: 09/13/2017</p>	<p>Exam - Student Module Exam Online - concept checks , review questions. Competency knowledge. Criterion: 70% + Accuracy, NCCER National Center for Construction Education and Research minimum</p>	<p>Reporting Period: 2016-2017 Criterion Met: Yes 90% passing rate, class average 85% (09/13/2017)</p>	<p>Action: No change necessary (09/13/2017)</p>
<p>Specialty Transformers - Specialty Transformers (10 Hours) Covers various types of transformers and their applications. Also provides information on selecting, sizing, and installing these devices.</p> <p>Course Outcome Status: Active Next Assessment: 2021-2022 Start Date: 09/13/2017</p>	<p>Exam - Student Module Exam Online - concept checks , review questions. Competency knowledge. Criterion: 70% + Accuracy, NCCER National Center for Construction Education and Research minimum</p>	<p>Reporting Period: 2016-2017 Criterion Met: Yes 90% passing rate. class average 85% Competency Completion (09/13/2017)</p>	
<p>Advanced Controls - Advanced Controls (20 Hours) Discusses applications and operating principles of solid-state controls, reduced-voltage starters, and adjustable frequency drives. Also covers basic troubleshooting</p>	<p>Exam - Student Module Exam Online - concept checks , review questions. Competency knowledge. Criterion: 70% + Accuracy, NCCER National Center for Construction Education and Research minimum</p>	<p>Reporting Period: 2016-2017 Criterion Met: Yes 83% passing rate, class average 80% Competency Completion (09/13/2017)</p>	<p>Action: Assign additional Variable Frequency Drive labs (09/13/2017)</p>

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<p>procedures. Course Outcome Status: Active Next Assessment: 2021-2022 Start Date: 09/13/2017</p>			
<p>HVAC Controls - HVAC Controls (15 Hours) Provides a basic overview of HVAC systems and their controls. Also covers electrical troubleshooting and NEC® requirements. Course Outcome Status: Active Next Assessment: 2021-2022 Start Date: 09/13/2017</p>	<p>Exam - Student Module Exam Online - concept checks , review questions. Competency knowledge. Criterion: 70% + Accuracy, NCCER National Center for Construction Education and Research minimum</p>	<p>Reporting Period: 2016-2017 Criterion Met: Yes 100% Passing Rate, 94% class average Competency Completion (09/13/2017)</p>	
<p>Medium-Voltage Terminations/Splices - Medium-Voltage Terminations/Splices (10 Hours) Offers an overview of the NEC® and cable manufacturers' requirements for medium-voltage terminations and splices. Course Outcome Status: Active Next Assessment: 2021-2022 Start Date: 09/13/2017</p>	<p>Exam - Student Module Exam Online - concept checks , review questions. Competency knowledge Criterion: 70% + Accuracy NCCER National Center for Construction Education and Research minimum</p>	<p>Reporting Period: 2016-2017 Criterion Met: Yes 95% Passing Rate, 86% class average Competency Completion (09/13/2017)</p>	