

Assessment: Assessment Plan



Program (CTE) - Electrical Systems Technology CRT

Outcome: Graphical analysis and interpretation

Analyze and interpret graphical information found on schematics, blueprints, and diagrams.

Outcome Status: Active

Assessment Year: 2015-2016

Start Date: 08/29/2016

Assessment Measures

Assignment - Lab - Final lab project score (Active)

Criterion: 80% of the students will achieve a 75%+ for final lab project.

Notes: Reference course ELM 141 - Blueprints

Outcome: Control systems

Identify, use, and maintain motor and computer-based control systems.

Outcome Status: Active

Assessment Year: 2016-2017

Start Date: 08/29/2016

Assessment Measures

Assignment - Lab - Final Lab project score (Active)

Criterion: 80% of the students will achieve a 75%+ for their final lab project.

Notes: Reference ELM 136 – Programmable Controllers Applications

Outcome: Analyze technical theories that apply to the electrical field.

Analyze technical theories that apply to the electrical field.

Outcome Status: Active

Assessment Year: 2016-2017

Start Date: 09/26/2016

Assessment Measures

Exam - Final exam score (Active)

Criterion: 75% of the students will achieve a 70%+ for their final exam.

Notes: Reference ELM 122 – AC Theory

Outcome: National Electrical Code

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Interpret and properly apply the National Electrical Code to electrical installations.

Outcome Status: Active

Assessment Year: 2015-2016

Start Date: 08/29/2016

Assessment Measures

Exam - Final exam score (Active)

Criterion: 80% of the students will achieve a 75%+ for their final exam score.

Notes: Reference ELM 131 – National Electric Code

Outcome: Utilize the proper tools used in the electrical field and industry.

Utilize the proper tools used in the electrical field and industry.

Outcome Status: Active

Assessment Year: 2015-2016

Start Date: 08/29/2016

Assessment Measures

Exam - Final lab project (Active)

Criterion: 90% of the students will achieve a 90%+ for their Final lab project.

Notes: Reference ELM 143 – Wiring Techniques

Outcome: Commercial and industrial electrical systems

Design, construct, and troubleshoot various electrical systems used in commercial and industrial settings.

Outcome Status: Active

Assessment Year: 2015-2016

Start Date: 08/29/2016

Assessment Measures

Exam - Final lab project score (Active)

Criterion: 85% of the students will achieve an 85%+ for their final lab project.

Notes: Reference ELM 133 – Advanced AC controls

Outcome: Practice safety procedures

Practice safety procedures

Outcome Status: Active

Assessment Year: 2015-2016

Start Date: 08/29/2016

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Assessment Measures

Internal Tracking - 100% of students will attain the Occupational Safety and Health Administration (OSHA) 10 hour construction industry card. (Active)

Criterion: 95% of the students will have zero lab safety deductions.

Notes: Unsafe work practices will be deducted from individual lab grade throughout the program.

Outcome: Electrical trade theories

Have a firm understanding of theories that apply to the electrical trade.

Outcome Status: Active

Assessment Year: 2011-2012