

Comprehensive Program Review Report



Program Review - Electrician Training

Program Summary

2021-2022

Prepared by: Shane Baesemann

What are the strengths of your area?: The strength of the Electrician Training program is enrollment. With the addition of a full time faculty member we have had to increase the number of course offerings each semester. We have added 3 new sections each semester. We have increased the number of certificates of achievement as well over the last four years.

What improvements are needed?: Although our enrollment is strong and our certificate numbers are up we still need to improve our course offerings. We need more advanced systems labs. We are trying to coordinate with out IT, and PLC courses to have our students take those courses to supplement their learning. Our industry is becoming more modernized and with the new infrastructure deal moving forward the importance of sustainable energy sources, and electric charging sources are becoming more important. We are working with our Advisory Board to update our lab equipment as we prepare for the new CTE building in Tulare.

Describe any external opportunities or challenges.: Infrastructure is a huge opportunity. Our area typically lags behind the industry innovations. As mentioned we have an enormous opportunity to incorporate these new necessities and make them part of our curriculum. We need to provide our students with the equipment and knowledge to be able to advance themselves in their careers.

Overall SLO Achievement: I am satisfied with our SLO achievements, however we would be naïve to accept those numbers as acceptable moving forward. We need to improve an advance some of our SLO's to incorporate the advancing industry trends. There are SLO's that are never going to change they too are an integral part of the industry and the installation of systems. However we need to be adept and focus on moving forward with other industry trends.

Changes Based on SLO Achievement: I plan on including new SLO's that revolve around new innovations and technologies. As mentioned our SLO's currently work for our students, but they do not offer them everything. We have students who are coming to classes that can learn more working on the job 40 hours a week than being in class for 5 hours. We need to offer those students an opportunity to advance themselves beyond being a laborer, or an apprentice. We need to offer them the option to go beyond what they are doing in the workplace.

Overall PLO Achievement:

Changes Based on PLO Achievement:

Outcome cycle evaluation:

Action: 2021-2022; 2020-2021 Improve student success by providing adequate number of training equipment/materials (VTEA)

Each ET student needs access to individual circuit panels, motor controls and bending equipment. The individual stations allow for skill development and improved student evaluations.

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Implementation Timeline: 2020 - 2021, 2021 - 2022

Leave Blank:

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Identify related course/program outcomes: All SLO from ET courses

Person(s) Responsible (Name and Position): Shane Baesemann

Rationale (With supporting data): Equipment must be provided to students to learn hands on skills required to ET.

Priority: High

Safety Issue: Yes

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External Mandate: No

Safety/Mandate Explanation:

Update on Action	
Updates Update Year: 2021-2022 Status: Continue Action Next Year Continue to update labs with individual circuit panels Impact on District Objectives/Unit Outcomes (Not Required):	10/18/2021

Resources Description

Equipment - Instructional - Motor controls, automation equipment, bending materials, electrical circuits (Active) Why is this resource required for this action?: Needed to provide students equipment for hands on learning and assessment. Notes (optional): Cost of Request (Nothing will be funded over the amount listed.): 15000

Link Actions to District Objectives

District Objectives: 2018-2021
District Objective 2.1 - Increase the percentage of students who earn an associate degree or certificate (CTE and Non-CTE) by 5 percentage points over three years
District Objective 2.4 - By 2021, Increase the percentage of CTE students who achieve their employment objectives by 5 percentage points

Action: 2021-2022; 2020-2021 Improve student success through faculty development/curriculum development (VTEA)

ET faculty need ongoing development in order to provide new classes that allow career exploration in the I and T Division.

Leave Blank:

Implementation Timeline: 2020 - 2021, 2021 - 2022

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Identify related course/program outcomes: SLO in ET 200.

Person(s) Responsible (Name and Position): Shane Baesemann

Rationale (With supporting data): Faculty development for tenure track faculty to improve student success and create meaningful classroom/lab sessions.

Priority: Medium

Safety Issue: No

External Mandate: No

Safety/Mandate Explanation: 5000

Update on Action	
Updates Update Year: 2021-2022 Status: Continue Action Next Year Ongoing Faculty development and curriculum review as an ET teaching team. Impact on District Objectives/Unit Outcomes (Not Required):	10/18/2021

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Technology - Ongoing faculty development through technology; Canvas coordination. (Active)

Why is this resource required for this action?: Ongoing faculty development

Notes (optional):

Cost of Request (Nothing will be funded over the amount listed.): 5000