

**Career Education Program Two-Year Review
Program Efficacy Report
Spring 2015**

Name of Department: Electricity/Electronics

Efficacy Team: David Smith, Joel Lamore

Overall Recommendation (include rationale): Continuance

The Electricity/Electronics program seems solid from this review. The program's review demonstrates it meets student needs, meets regulatory responsibilities, and is aware of issues impacting its services and is strategic in its planning. Though additional full-time faculty and increased budget are needed, as noted by the program, the program operates well around these constraints.

1. Purpose of this Program

Efficacy Team Analysis and Feedback: MEETS
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The purpose and mission seem clear, and the support appropriate, including information about program components relevant to related fields, list of degrees and certificates, coverage of licenses and certifications from industry and government by which the program is regulated or sanctioned.

2. Demand for this Program

Efficacy Team Analysis and Feedback: MEETS
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The assertion that demand for the program is high is demonstrated with market data indicating growing demand for workers in program discipline as well as more anecdotal evidence of local employers seeking to hire students directly from program.
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3. Quality of this Program

Efficacy Team Analysis and Feedback: MEETS
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The program rates its quality as high, but not highest, and the rating seems well justified. The quality of the program is supported by approval of the program by government and industry groups, the experience of faculty directly in the industries taught, success rates of students, successful articulation of courses with CSU and UC, partnerships and upgrading of lab equipment. The need for additional full-time faculty and money to continue to keep equipment up to date explains room for further improvement of quality.
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4. External Issues

Efficacy Team Analysis and Feedback: MEETS
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The program indicates that, in general, it benefits from external issues. New building standards are noted as requiring education for workforce to keep up, there is new legislation which supports career tech, and the program is increasingly important for career advancement in relevant fields.

5. Cost of this Program

Efficacy Team Analysis and Feedback: MEETS

The program indicates a shortfall in income vs needed expenditures, a contention that is well supported. Though enrollment has remained good, the number of full time faculty has fallen. In addition, the program needs to upgrade and update equipment to keep pace with new technology and regulations, and current budgets (despite use of some grant monies) are inadequate to do so fully.

6. Two-Year Plan

Efficacy Team Analysis and Feedback: MEETS

Four goals are noted, and all four are clearly stated. Three have sufficient information indicating adequately clear current or future actions: continue and increase relationships with industry, voice need for faculty, and increase community outreach. However, the developing new or increased funding goal could have noted some possible sources or plans to research those.