

Program Review Executive Summary

Electrical Technology

Majors Reviewed:

- *Building Automation Technology, B.S.*
- *Electromechanical Maintenance Technology, A.A.S.*
- *Electrical Technology, A.A.S.*
- *Electrical Occupations, Certificate*

2015



The Electrical Technology majors, which include Building Automation Technology (BBT), Electrical Technology (EL), Electromechanical Maintenance Technology (MT) and Electrical Occupations (EO) provide their students with the knowledge and skills required to meet the growing need of this industry. This is evidenced through high placement rates (in many cases 100%) and employer attendance at the College's Career Fairs and on-campus recruiting events.

The strong academic programming and employability has positively impacted enrollment for multiple majors. The Electrical Department plans to foster continued growth through the following recommendations:

- Implement PCNow programming.
- Promote the new 2+2 options in the Building Automation Technology program.
- Strengthen current college articulations and develop new agreements.
- Explore the development of a Building Automation Technology minor

Through the evaluation of course assessments and advisory committee feedback, the Electrical Department has made strides to improve the curriculum with revisions to BBT, EL and MT. The department will continue to consistently and thoroughly examine course assessments to support the growth of the curriculum. Future curriculum revision plans include changes to the EO curriculum in Fall 2015 for implementation in Fall 2016.

By Spring 2016, the Building Automation Technology program will have new lab space created to support donated equipment and facilitate the teaching of advanced course work in network integration. This will be the second lab renovation in the last three years to accommodate the increasing enrollment in this program. With increasing employment demands in the building controls industry and support (equipment donations) provided by various Fortune 500 companies, BBT is poised for continued growth.

The Electrical Technologies Center (ETC) will see an extensive renovation in the summer of 2015. This includes new flooring, paint and lighting to all classrooms, labs and hallway. These are the first steps toward improving the lab facilities in this building. The department has made recommendations to submit additional building renovation requests, to include new equipment within multiple hands-on learning laboratories.