EXECUTIVE SUMMARY
Engineering Technology Department – Electronics Engineering Technology
Self-Study Document, Fall 2014

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The following is a summary of the self-study document, highlighting important points. For complete information, please refer to the self-study document itself.

Program History:

The Electronics Engineering Technology (EET) program was first accredited by the TAC of ABET (then ECPD) in 1978 and has been continually accredited since that time. In 2000, the Computer Engineering Technology (CET) emphasis was created and made a separate degree in 2001. Incremental changes to the EET program were made until 2012.

In 2012, CEET faculty and resources were divided to create separate Electronics Engineering and EET programs. The EET program, consisting of one-full time faculty, one part-time and three adjunct instructors with approximately half of the existing laboratory facilities, was reorganized. EET merged with the existing Mechanical, Manufacturing, and Design programs (MET, MFET, DET) in the Department of Engineering Technology. To date, the part-time faculty has retired, and currently three adjuncts support the program. Two tenure-track faculty members have since been hired (2012, and 2013).

In June 2014, Weber State University's long-term renovation plans claimed Building Four, which housed laboratories and facilities for both the EET and EE programs. All existing laboratory facilities and the new engineering department have been displaced for approximately

2. Apply current knowledge of technologies of industrial automation, digital systems and microcontrollers, communications and signal processing to develop practical solutions for engineering technology problems.

3. Conduct, analyze and interpret experiments and apply experimental results to improve processes.

4. Apply creativity to design of electrical and electronic systems.

5. Function effectively on teams.

6. Demonstrate creativity in designing solutions to problems through analysis and experimentation leading to modification of systems, components and processes

7. Communicate effectively in written, oral, and graphical forms.

8. Recognize the need for and possess the ability to pursue lifelong learning.

9. Understand professional, ethical and social responsibilities.

10. Respect diversity and recognize professional, societal and global issues.

11. Have a commitment to quality, timeliness and continuous improvement.

Academic Advising:

Each faculty is required to maintain a minimum of 5 office hours per week for student consultation and advising. Students are strongly urged to meet with their advisor once a year to ensure they are on track towards graduation. Advising records are kept for each student in the major and are maintained using the Cattracks Degree Evaluation and Planning Tool. The College has an advisor that handles all questions on General Education requirements.

The University maintains a Career Services department. Furthermore, a full-time representative from Career Services is assigned to the College. This person is available for one-on-one consultation with students and is also available to visit classes to talk about job applications, resume writing and senior files. Job opportunities are posted on a website entitled CareerConnect. Students are also notified about job postings through email.

Faculty:

The following faculty members teach full-time in the EET program:

Ms. Julanne McCulley is an associate professor a