

Electrical Engineering Technology B.S.

Measures and Targets:

Outcome: Students will be able to select and apply the knowledge, techniques, skills, and modern tools of the discipline to broadly-defined Electrical Engineering Technology activities.

- Measure: Direct Assessment of Student Course Work

The following assessments are used from programmatic evaluation: EET480W capstone course ASSIGNMENT and EET434 course ASSIGNMENT. Questions directly related to the outcomes are placed in the assignments and/or examinations. The course instructor evaluates the student responses to these questions and then determines their ability level with respect to this outcome.

The program is looking for students to perform according to the following indicators:

1. Design electrical/electronic circuits (both linear and/or digital).
2. Demonstrate proper design methods in performing electrical designs.
3. Effectively utilize circuit analysis software.

Time of Data Collection: 2012-13, 2015-16

- Target: At least 70% of the students must demonstrate an acceptable or excellent level.

- Measure: Senior Exit Survey

Prior to the May and December commencement each year, the department chair requests that the senior survey be completed by graduating seniors. Graduating seniors are required to fill out the anonymous survey that is posted on Blackboard in order for their final grades in the Senior Capstone Course to be posted. Results of the senior surveys, with no student names identified, are provided to the program director and department chair.

Questions related to the outcomes are placed in a senior exit survey, and students are asked to evaluate the achievement of the outcome using a SCALE of (1) (lowest) to (5) (highest).

- Target: Survey responses will average at least a score of 3 (3.0) on a scale of 1 to 5.