

TSA Information for Electronic Engineering Technology

May 4, 2020

SAC Prefix and Name: **EET – Electronic Engineering Technology**

Name of faculty member responsible for TSA reporting: **Dan Kruger**

Description of TSA(s) in 300 words or less: Predict and characterize analog circuit behavior by applying analog circuit analysis techniques.

Maximum score possible: 100

Benchmark score 70

Clarifying notes: Final Exam for EET112. The exam for this class is intended to test this very skill. A sample exam is included.

Description of TSA(s) in 300 words or less: Assess and create desired digital logic circuit outputs by employing digital logic methods of reduction and analysis.

Maximum score possible: 100

Benchmark score 70

Clarifying notes: Final Exam for EET122. The exam for this class is intended to test this very skill. Sample exam questions are included.

Description of TSA(s) in 300 words or less: Simulate, force, and measure DC and AC circuit quantities by using industry standard software and test equipment.

Maximum score possible: 100

Benchmark score 70

Clarifying notes: Lab Final in EET113. A rubric is being developed to aid in grading this experiment. The final may involve constructing or debugging an existing circuit. It will require the student to take measurements and use test equipment to verify proper circuit functionality.

Description of TSA(s) in 300 words or less: Carry out instructions and automate highly repetitive or monotonous tasks by utilizing programming skills.

Maximum score possible: 100

Benchmark score 70

Clarifying notes: EET242 Project. Results to be collected from the lecture instructor.

CIP Code	Test Name	Test Type
150303	2AREG019	OTHER

This is the only type of test for all 4 outcomes.