

R6-EE3xx Lab: RUBRIC FOR EVALUATING Student OUTCOME 6

(Student Outcome 6) An ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions

Performance Indicator	Exemplary 4	Satisfactory 3	Developing 2	Unsatisfactory 1
Identify EE lab equipment and their main functions	Identify all lab equipment and list all of their functions	Identify all lab equipment and list all their basic functions	Identify some lab equipment and their basic functions	Fails to identify lab equipment or list their basic functions
Design, and conduct EE experiments	Fully design and conduct experiment	Fully either design or conduct experiment	Partially design and conduct experiment	Fails to design and conduct experiment
Demonstrate the ability to analyze and validate experimental data results	Ability to interpret all results and demonstrate understanding of all experiments	Ability to interpret basic results and demonstrate understanding of all experiments	Ability to interpret basic results and demonstrate understanding of basic experiments	Fails to interpret basic results or to demonstrate understanding of basic experiments

Notes:

1) This rubric, R6G, is to be used for **Student** outcome (6) assessment for EE3xx Lab.

4) Evaluation of students' performance using this rubric is based generally on: lab reports, prelabs, quizzes, lab performance, design project, and final lab exam.

Notes:

- The instructors must assign specific questions or part of a question to handle each performance indicator **3 times** during the term in exams, lab reports, ...
- instructors should agree together on that very specifically
- instructors should make sure to provide the results for EE and AEE separately
- instructors should be informed of our rules how to count DN students and F students etc. as agreed before.