Department of Electrical and Computer Engineering
Batten College of Engineering and Technology
Old Dominion University

STUDENT OUTCOME ASSESSMENT REPORT[1]

Course Number and Title: ECE 241
Semester and Year: Fall 2021
Instructor: Dr. Al-Assadi
Program: Electrical Engineering

List of Assessed Performance Indicators:
Student Outcome 1: An ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics

SO1 – PI2: Capable of applying principles of engineering to the solution of an engineering problem
SO1 – PI3: Capable of applying principles of science & mathematics to the solution of an engineering problem

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

SO6 – PI1: Capable of developing an experiment that generates data to reach an engineering conclusion
SO6 – PI2: Capable of conducting an experiment

[1] Please attach anonymous copies of three samples of students' responses per assessed performance indicator corresponding to performance categories 2, 3, and 4. If no student performed at a given level, the number of samples can be reduced. In addition, please include a copy of the assessment tool, that is, the question used for the assessment.

Performance Categories:

1 Unacceptable (D-/F)[2]	**2** Below Expectations (C-/D+/D)	**3** Meets Expectations (B/B-/C+/C)	**4** Exceeds Expectations (A/A-/B+)

Assessed Performance Indicator	Assessment Tool (e.g., Question in HW or Exam, Etc.)	Brief Description	Number of Assessed Students	Total Possible Points	Ranges of Points for Performance Categories				Total Number of Students in Each Performance Category			
					1	2	3	4	1	2	3	4
SO1 – PI2												
SO1 – PI3												
SO6 – PI1												
SO6 – PI2												

[2] The purpose for the letter grades is to qualitatively characterize the level of performance in the assessed question. Additional information is provided in the student outcome rubrics.

Comments (Please include comments on the student performance for each assessed performance indicator. If the total performance in Performance Categories 3&4 is below 70% for an assessed performance indicator, a detailed explanation is needed.)

Action Plan (Include a suggested action plan if the percentage of assessed students in Performance Categories 3&4 is below 70%.)

Action Resolution (Describe the activities that took place to improve the attainment of the assigned student outcomes as identified by on-going actions. Also, assess the effect of the activities, including the possible quantitative effect on the attainment of student outcomes.)