CENTRAL PHILIPPINE UNIVERSITY
COLLEGE OF ENGINEERING
SOFTWARE ENGINEERING DEPARTMENT
JARO, ILOILO CITY
5000 PHILIPPINES

☎(63-33) 3291971 loc 1087or (63-33) 3307276 coengsec@cpu.edu.ph

turning ideas into reality

CPU-Eng OBE Form 05
Rev 0, Effective June 1, 2018

INDIVIDUAL PROGRAM OUTCOME (PO) ASSESSMENT

PO a: Ability to apply knowledge of mathematics and science to solve complex engineering problems.

Student Being Assessed _____ Course and Year _____

Subject(Code/Description) _____

Semester: _____ School year _____

Assessment Task _____ Assessment Date _____

Rating: _____ Remarks_____

(Sample Rubric Only, Faculty Assessor has to change this rubric with the rubric he/she used in assessing the outcome)

KPI	Criteria	Not Satisfactory 1	Developing 2	Satisfactory 3	Excellent 4	Score
a1. apply the principles of mathematics in solving advance problems on engineering.	KNOWLEDGE AND UNDERSTANDING	Does not understand the application of differential equations, advance mathematics, or numerical solutions in an engineering problem.	Shows limited understanding of the application of differential equations, advance mathematics, or numerical solutions in an engineering problem.	Shows significant understanding of the application of differential equations, advance mathematics, or numerical solutions in an engineering problem.	Shows a thorough understanding of the application of differential equations, advance mathematics, or numerical solutions in an engineering problem.	
	OUTPUT	Attempted to solve the problem. A limited amount of work shown. Calculations are completely incorrect leading to an incorrect answer.	Work is partially shown. Calculations contain major errors leading to an incorrect answer.	Work shown has gaps. Calculated a correct answer but calculations contain minor errors.	Work shown is logical. Calculations are completely correct leading to a correct answer.	
a2. apply the principles of physics to solve advance problems in engineering.	KNOWLEDGE AND UNDERSTANDING	Does not understand the application of principles of Physics solving of engineering problems.	Shows limited understanding of the application of principles of Physics in solving of engineering problems.	Shows significant understanding of the application of principles of Physics in solving of engineering problems.	Shows a thorough understanding of the application of principles of Physics in solving of engineering problems.	
	OUTPUT	Attempted to solve the problem. A	Work is partially shown.	Work shown has gaps. Calculated a	Work shown is logical. Calculations	

		limited amount of work shown. Calculations are completely incorrect leading to an incorrect answer.	Calculations contain major errors leading to an incorrect answer.	correct answer but calculations contain minor errors.	are completely correct leading to a correct answer.	
a3. apply the principles of chemistry in solving advance problems in engineering.	KNOWLEDGE AND UNDERSTANDING	Does not understand the application of Chemistry in solving of engineering problems.	Shows limited understanding of the application of Chemistry in solving of engineering problems.	Shows significant understanding of the application of Chemistry in solving of engineering problems.	Shows a thorough understanding of the application of Chemistry in solving of engineering problems.	
	OUTPUT	Attempted to solve the problem. A limited amount of work shown. Calculations are completely incorrect leading to an incorrect answer.	Work is partially shown. Calculations contain major errors leading to an incorrect answer.	Work shown has gaps. Calculated a correct answer but calculations contain minor errors.	Work shown is logical. Calculations are completely correct leading to a correct answer.	
					Total	

Please attach the accomplished and graded assessment task

_____

Signature over printed name of Assessor

_____

Date

Verified by:

_____

Signature Over Printed Name of Department Head
of Subject Being Assessed

_____

Date