TECHNOLOGICAL INSTITUTE OF THE PHILIPPINES

WEEKLY LESSON ACTIVITY PLAN
(WLAP)

Grading Period : Final
Week : 14
No. of Hours
Lecture : 2
Laboratory : 3 .

Course/Subject : CPE 132 / ELECTIVE 2 - ARCHITECTURE OF EMBEDDED SYSTEMS

Intended Learning Outcomes (ILOs)	Topics	Teaching and Learning Activities (TLAs) and Assessment Tasks (ATs)	Instructional Materials (Text, Ref. Media)	Remarks/ Suggestions for Improvement

1. Test the effects of embedded system development kit using an LED.
 	
2. Evaluate the inputs using an state of a button
 	
3. Synthesize the analog input with potentiometer effects.
	LECTURE
	
	1. Output of embedded system development kit
	
	   a. Toggle an LED
	
	   b. Dim an LED
	
	2. Inputs
	
	a. Reading the state of a button
	
	b. Adjusting analog input with potentiometer
	
	LABORATORY
	Experiment #10: Controlling Servo
		Teaching and Learning Activities (TLAs):
		
		  Lecture
		
		  Group discussion
		
		  Assignment
		
		Assessment Tasks (ATs):
		
		  Recitation
		
		  Short Quiz
			Reference book
			
			Power point presentation	

Prepared by:	Noted by:	Approved by:
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Date:	Date:	Date: