TECHNOLOGICAL INSTITUTE OF THE PHILIPPINES

WEEKLY LESSON ACTIVITY PLAN
(WLAP)

Grading Period :	Final
Week :	15
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 a Piezo buzzer.
 	
2. Evaluate the sensing functionality of embedded system
 	
3. Synthesize the analog input with temperature detection.
	LECTURE
	
	1. Generating sounds with a Piezo buzzer
	
	   a. Sounds
	
	   b. Sensing
	
	2. Light intensity
	
	   a. sensing
	
	   b. Temperature
	
	LABORATORY
	
	Final Project Preparation
		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:
ENGR. RONNIE M. DYSANGCO Faculty Member's Printed Name and Signature	**ENGR. MARIA CECILIA A. VENAL** Department Chair	**DR. JESUSA N. PADILLA /** **DR. CYNTHIA C. LLANES** Dean/VPAA
Date:	Date:	Date: