

TECHNOLOGICAL INSTITUTE OF THE PHILIPPINES

WEEKLY LESSON ACTIVITY PLAN  
(WLAP)

Grading Period : Midterm  
Week : 8  
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. Design an electronic ping-pong program.  2. Evaluate different techniques on creating an electronic ping-pong program  3. Discuss the connection of embedded system components with software application	<b>LECTURE</b>  1. Electronic ping-pong circuit diagram  a. 16LF84A microcontroller pin configuration  b. Electronic ping-pong program  <b>LABORATORY</b>  <b>Experiment # 5: Adjusting Analog Input with a Potentiometer</b>	<b>Teaching and Learning Activities (TLAs):</b>  Lecture  Group discussion  Assignment  <b>Assessment Tasks (ATs):</b>  Recitation  Short Quiz	Reference book  Power point presentation	

Prepared by:  <b>ENGR. RONNIE M. DYSANGCO</b> Faculty Member's Printed Name and Signature	Noted by:  <b>ENGR. MARIA CECILIA A. VENAL</b> Department Chair	Approved by:  <b>DR. JESUSA N. PADILLA / DR. CYNTHIA C. LLANES</b> Dean/VPAA
Date:	Date:	Date: