

TECHNOLOGICAL INSTITUTE OF THE PHILIPPINES

WEEKLY LESSON ACTIVITY PLAN
(WLAP)

Grading Period : Prelim
Week : 2
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. Discuss the overview of embedded system 2. Compare the different design challenges of embedded system 3. Evaluate the different processor technologies	LECTURE 1. Embedded System Overview a. Embedded system Definition. b. Element of a computer c. Microprocessor and microcontrollers d. Microchip and the PIC microcontrollers. LABORATORY Discussion of Safety precaution laboratory rules and regulation	Teaching and Learning Activities (TLAs): Lecture Group discussion Assignment Assessment Tasks (ATs): Recitation Short Quiz	Reference book Power point presentation	

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