

## WEEKLY LESSON ACTIVITY PLAN (WLAP)

Grading Period : Midterm  
 Week : 11  
 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 PIC 18 series instruction set  2. Evaluate the mnemonic operands of PIC18 series microcontroller  3. Apply knowledge in basic programming	<p><b>LECTURE</b></p> <ol style="list-style-type: none"> <li>1. PIC 18 Series instruction set               <ol style="list-style-type: none"> <li>a. Mnemonic operands</li> <li>b. Instructions</li> <li>c. Bit oriented file register operations</li> <li>d. Literal operations</li> <li>e. Opcode symbols</li> <li>f. Extension to the PIC18 Series Instruction Set</li> </ol> </li> </ol> <p><b>LABORATORY</b></p> <p>Experiment #8: Temperature Sensing</p>	<p><b>Teaching and Learning Activities (TLAs):</b></p> <p>Lecture</p> <p>Group discussion</p> <p>Assignment</p> <p><b>Assessment Tasks (ATs):</b></p> <p>Recitation</p> <p>Short Quiz</p>	<p>Reference book</p> <p>Power point presentation</p>	

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