

TECHNOLOGICAL INSTITUTE OF THE PHILIPPINES

WEEKLY LESSON ACTIVITY PLAN
(WLAP)

Grading Period : Midterm
Week : 10
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 a basic of autonomous guide vehicles 2. Evaluate difference of locomotion and wheel layout 3. Application of turning geometries in embedded system	LECTURE 1. Basic of Autonomous Guided Vehicles <ul style="list-style-type: none"> a. Wheel layout b. Connection of interaction components c. Turning geometry computation d. Odometry LABORATORY Experiment #7: Light Intensity Sensing	Teaching and Learning Activities (TLAs): Lecture Group discussion Assignment Assessment Tasks (ATs): Recitation Short Quiz	Reference book Power point presentation	

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