

# Mobile Robots EECN30169/535317

v2024.0830

week	Date	Topics	TA demo
1	9/6	Introduction	
2	9/13	Software Tools & Programming Environment Setup	RPI Supplies CP1 Demo (TA)
3	9/20	DC Motors and & Motor Control	
4	9/27	Check point 1: Raspberry Pi and ROS	Motor Supplies CP2 Demo (TA)
5	10/4	Locomotion & Mobile Robot Kinematics	
6	10/11	Check point 2: Robot Motion Control	Sensor Supplies CP3 Demo (TA)
7	10/18	Sensors and Batteries	
8	10/25	Check point 3 Obstacle Avoidance	IR Sensor CP4 Demo (TA)
9	11/1	Behavior-based Robotics	
10	11/8	Behavior fusion Term Project Assignment	
11	11/15	Check point 4: Full Function Demonstration	
12	11/22	Mapping, Localization and Path Planning	
13	11/29	Robot Contest	
14	12/6	Term Project Preparation	
15	12/13	Term Project Demo & Presentation	
16	12/20	Term Project Report	

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