

Breadboard Demo 2 Semester: _____

Team No. _____ Reviewer: _____

Most subsystems should be controlled by the microprocessor on the PCB or devboard. A power supply and regulator should be connected or available. Test data should be displayed on a pc or other display. The project team should be able to describe the project status and remaining tasks.

Full Credit: Demo should show significant progress since the first breadboard demo.

Status of Major Project Components

Power Supply

PCB

Subsystems

Comments

Breadboard demo 2 checklist

Microprocessor		Comm. Protocol	
ATMega		I2C	
STM32		SPI	
ESP32		UART	
Other		Wireless	
Dev board		433/900 MHz	
PCB		Bluetooth	
		Wi-fi	

Power source		Regulator	
Lab PS		Linear	
Battery		Switching	
Comm. DC PS		Voltages	
110 VAC/Variac		Currents	

Function	Subsystem 1	Subsystem 2
Motor		
Actuator		
Light or sound source		
LED		
Speaker		
Sensor		
IR		
lidar		
radar		
Ultrasonic		