



Mecatredz Technology

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Robotics Training Syllabus

Visit Our Official website : www.mtechnologies.org



1. Entering the robotics world

- a. Introduction to robotics
- b. STEM careers
- c. Safety and project management

2. Robotics: Mechanics

- a. Materials, construction & motion
- b. Motors & gears

3. Robotics: Electricity

- a. Electricity & batteries
- b. Remote controllers

4. Robotics: Sensing & controlling

- a. Microcontrollers
- b. Sensors

5. Programming: Motion

- a. Setup & fundamentals
- b. Movements

6. Programming: Sensing & controlling

- a. Radio control
- b. Sensing

7. Project: