

#	Section	Recommended Tools & Components	Covers (Courses)
1	Basic Robotics Kits	Arduino/ESP32 Boards, Robot Chassis Kit, Breadboard, Jumper Wires, USB Cables	Intro to Robotics & Basics (Course 1)
2	Motion & Control	DC Motors with Wheels, Servo Motors, Motor Driver (L298N), Power Supply (Li-ion + Charger)	Actuators & Motion Control (Course 2)
3	Sensors	Ultrasonic Sensor, Infrared Sensor, Line Tracking Sensor, IMU (Accelerometer/Gyro)	Sensors for Robots (Course 3)
4	Programming & Connectivity	Arduino IDE/PlatformIO, Bluetooth Modules (HC-05), Wi-Fi Modules (ESP8266), Debugger	Microcontroller Programming & Wireless Control (Course 4-5)
5	Advanced/Capstone	Camera Module (ESP32-CAM), Gripper/Manipulator Kit, Battery Management Module, Safety Switches	AI, Vision & Final Project Integration (Courses 6-10)