

RoboForge — Concept Poster

Print this and pin it up — an at-a-glance map of the RoboForge cast and the ideas each one carries. Come back to it whenever you want to remember who teaches what.

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Meet the cast — and what each one teaches

Character	What they carry
Bolt	Chassis + mechanical structure — 'the frame holds everything; build the chassis like you mean it'
Sense	Sensors + perception — 'the robot only knows what it can sense; choose the senses for the job'
Drive	Motors + actuators + movement — 'motors turn power into motion; balance speed and control'
Loop	Iteration + sensor-driven control loops — 'read. decide. act. repeat. that's the whole robot brain'
Tune	Testing + calibration + iteration — 'first run fails. that's information. tune + run again' (closes cast arc)

Key ideas at a glance

The big concepts this cast helps you master:

- Introduction to Robotics Concepts
 - Mechanical Design and Simple Machines
 - Sensors and Input Systems
 - Programming Logic and Control Flow
 - Actuators and Output Systems
 - Autonomous Navigation and Decision-Making
 - Factory Automation and Systems Integration
 - Master Robotician Capstone
 - Robotics & Automation
 - ethics and society
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