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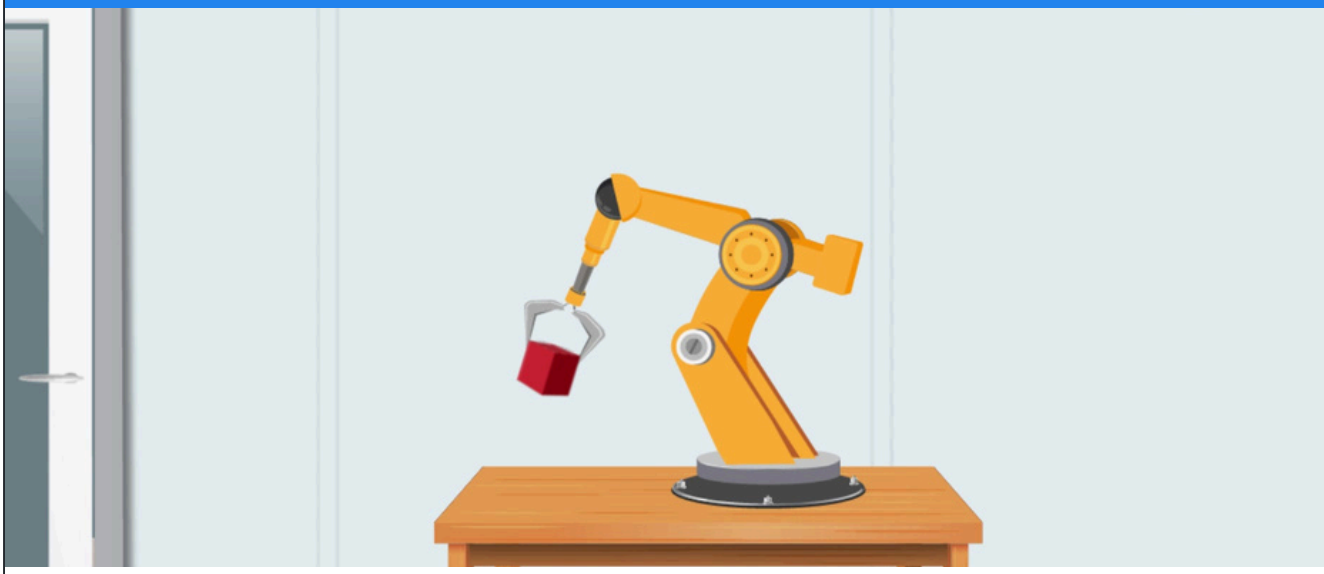

6
Topics

100+
Lessons

Core Learning Objectives

- Understand core concepts in electrical, civil, and mechanical engineering.
- Apply laws of motion and forces in mechanical systems and machines.
- Analyze and solve basic electric and AC/DC circuit problems.
- Learn principles of energy, waves, & electromagnetism in physics.
- Explore structural materials and their properties in civil engineering.
- Develop systems thinking through modeling and control system analysis.

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01 JoVE Core: Mechanical Engineering

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02 JoVE Core: Civil Engineering

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JoVE Core: Electrical Engineering

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04 JoVE Core: Physics

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