

## Introduction To Robotics Mechanics And Control

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This course presents an overview of robotics in practice and research with topics including vision, motion planning, mobile mechanisms, kinematics, inverse kinematics,

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## 16-311 Introduction to Robotics

This course provides a mathematical introduction to the mechanics and control of robots that can be modeled as kinematic chains. Topics covered include the concept of a robot's configuration space and degrees of freedom, static grasp analysis, the description of rigid body motions, kinematics of open and closed chains, and the basics of robot control.

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subject of computational robots such as "Introduction to Autonomous Mobile Robots" and "Computational Principles of Mobile Robotics" simply do not have the room to accommodate.

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