

Robotics

- Learning Objectives

- Proficiency in Rigid body motion analysis
- Modeling and analysis of robotic manipulators (serial chain of rigid bodies connected by actuated joints)
- Controller design for motion and force control of robotic manipulators
- Strengths/Weaknesses. Analyze applicability



Robotics



- Topics
 - Kinematics (50 %)
 - Dynamics (25%)
 - Control (25%)
- Assessment/Completion Requirements
 - 2 Quizzes (30%)
 - Final Exam (70%)

All quizzes and final exam are open book/notes!