

99-2 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	高等機器人學	Serial No. / ID	1886 / ADR5053
Dept.	機械與自動化工程學系博士班	School System / Class	研究所博士班1年1班
Lecturer	鄭鴻儀	Full or Part-time	專任
Required / Credit	Optinal / 3	Graduate Class	No
Time / Place	(一)B / H546 (三)AB / H546	Language	Chinese

Introduction
Omitted.

Outline
<ol style="list-style-type: none"> 1. Introduction 2. Spatial Descriptions and Transformations 3. Manipulator Kinematics 4. Inverse Manipulator Kinematics 5. Jacobians: Velocities and Static Forces 6. Manipulator Dynamics 7. Trajectory Generation 8. Manipulator-Mechanism Design 9. Linear Control of Manipulators 10. Nonlinear Control of Manipulators 11. Force Control of Manipulators

Prerequisite
Omitted.