

100-2 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	高等機器人學	Serial No. / ID	2111 / MUR5029
Dept.	機械與自動化工程學系碩士班	School System / Class	研究所碩士班1年1班
Lecturer	鄭鴻儀	Full or Part-time	專任
Required / Credit	Optinal / 3	Graduate Class	No
Time / Place	(二)2 / H467 (四)34 / H467	Language	English

Introduction
Omitted.

Outline
<ol style="list-style-type: none">1. Introduction2. Spatial Descriptions and Transformations3. Manipulator Kinematics4. Inverse Manipulator Kinematics5. Jacobians: Velocities and Static Forces6. Manipulator Dynamics7. Trajectory Generation8. Manipulator-Mechanism Design9. Linear Control of Manipulators10. Nonlinear Control of Manipulators11. Force Control of Manipulators

Prerequisite
Omitted.