

98-1 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	應用力學(二)	Serial No. / ID	0715 / MAV2003
Dept.	機械與自動化工程學系	School System / Class	四技部2年1班
Lecturer	陳照忠	Full or Part-time	專任
Required / Credit	Required / 3	Graduate Class	NO
Time / Place	(二)6 / H344 (四)12 / H344	Language	Chinese

Introduction
This course comes after Statics. The objective is to train students the basic principles and applications of kinematics and kinetics of particles and rigid bodies.

Outline
<ol style="list-style-type: none">1. Kinematics of a Particle2. Kinetics of a Particle: Force and Acceleration3. Kinetics of a Particle: Work and Energy4. Kinetics of a Particle: Impulse and Momentum5. Planar Kinematics of a Rigid Body6. Planar Kinetics of a Rigid Body: Force and Acceleration7. Planar Kinetics of a Rigid Body: Work and Energy8. Planar Kinetics of a Rigid Body: Impulse and Momentum

Prerequisite
Mathematics and Physics (high school level)