

## 99-2 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	應用力學	Serial No. / ID	1565 / MS12003
Dept.	材料科學與工程學系	School System / Class	大學日間部1年2班
Lecturer	宋皇輝	Full or Part-time	專任
Required / Credit	Required / 3	Graduate Class	No
Time / Place	(二)34 / H345 (三)3 / H345	Language	Chinese

### Introduction

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### Outline

General Principles  
Force Vectors  
Equilibrium of a Particle  
Force System Resultants  
Equilibrium of a Rigid Body  
Structural Analysis  
Internal Forces  
Friction  
Center of Gravity and Centroid  
Moments of Inertia  
Virtual Work

### Prerequisite

Calculusm General Physics