

## 97-2 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	材料力學	Serial No. / ID	0696 / MAI2033
Dept.	機械與自動化工程學系	School System / Class	大學日間部2年1班
Lecturer	陳照忠	Full or Part-time	專任
Required / Credit	Required / 3	Graduate Class	NO
Time / Place	(三)34 / H443 (四)1 / H443	Language	Chinese

Introduction
Introduction of elastic materials and training students to be professional engineers.

Outline
<ol style="list-style-type: none"><li>1. stress and strain</li><li>2. Mechanical properties of materials</li><li>3. Axial load</li><li>4. Torsion</li><li>5. Bending</li><li>6. Transverse Shear</li><li>7. Deflection of beams</li><li>8. Buckling of columns</li></ol>

Prerequisite
calculus, Engineering Mechanics.