

# 102-2 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	材料力學	Serial No. / ID	1730 / MAB2009
Dept.	機械與自動化工程學系	School System / Class	進修學士班2年1班
Lecturer	紀華偉	Full or Part-time	專任
Required / Credit	Required / 3	Graduate Class	No
Time / Place	(五)ABC / H439	Language	Chinese

Introduction
Let the students know the basic properties of materials and calculate the stress and the strains to judge the failure.

Outline
<ol style="list-style-type: none"><li>1.Tension, Compression and Shear</li><li>2.Axial Loaded Members</li><li>3.Torsion</li><li>4.Shear Forces and Bending Moments</li><li>5.Stresses in Beams</li><li>6.Analysis of Stresses and Strains</li><li>7.Deflections of Beams</li></ol>

Prerequisite
pre-request course: calculus, applied mechanics