

112 學年度第 二 學期授課科目使用書籍及教學進度表

科 目：材料力學	學分：3 時數：3
班 級：大二選修	時間：星期三 13:20-16:10
授課老師：林峻立 特聘教授	分機：67039
助 教：鄭妍 張景岳 (醫工所碩士班)	分機：65405
教 室：教學 304	

教科書：	FP Beer, ER Johnston, JT Dewolf, DF Mazurek, Mechanics of Materials, 7th Ed. McGrawHill, 2015
參考書：	JM Gere, Mechanics of Materials, 5th Ed. Brooks/Cole (2001)
成績評定：	Quiz & Experimental report 95% (5-6 次)；出席 5%
講義下載：	http://www.caeb.tw/index.php

週 次	日 期	教學進度
1	2024-02-21	Introduction of Class and Concept of Mechanics
2	2024-02-28	228 和平紀念日
3	2024-03-06	Chapter 1 Concept of Stress
4	2024-03-13	Chapter 1 Concept of Stress
5	2024-03-20	Chapter 2 Stress and Strain-Axial Loading
6	2024-03-27	Chapter 2 Stress and Strain-Axial Loading
7	2024-03-29	Chapter 3 Torsion
8	2024-04-03	Chapter 3 Torsion
9	2024-04-10	TORSION Experiment Testing (Report)
10	2024-04-17	Chapter 4 Pure Bending
11	2024-04-24	Chapter 4 Pure Bending
12	2024-05-01	Chapter 4 Pure Bending
13	2024-05-08	Chapter 5 Analysis and Design of Beams for Bending
14	2024-05-15	Chapter 5 Analysis and Design of Beams for Bending
15	2024-05-22	Chapter 6 Shearing Stresses in Beams and Thin-Walled Members
16	2024-05-29	Chapter 6 Shearing Stresses in Beams and Thin-Walled Members
17	2024-06-05	彈性教學 1
18	2024-06-12	彈性教學 2