1. 課程名稱：材料力學(二)
2. 學分數：3
3. 課程編號：E625920
4. 授課教師：胡宣德
5. 課程目標：Advanced topics of beams including composite beams, unsymmetrical bending and shear center; theory of stress and strain at a point for 2D and 3D conditions and their applications; deflections of statically determinate as well as indeterminate beams; stability and buckling of columns.
6. 課程內容概要：
   I. Stresses in Beams (Advanced Topics)
   II. Analysis of Stress and Strain
   III. Applications of Plane Stress
   IV. Deflection of Beams
   V. Statically Indeterminate Beams
   VI. Columns
7. 成績計算方式：
   (a) 3 Exams ................................................................. 100%
8. 教科書或主要參考書：
9. 適合選修對象：大二必修
10. 建議先修基礎課程：應用力學、材料力學(一)