99-2 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	塑性力學	Serial No. / ID	1884 / MUR5035
Dept.	機械與自動化工程學系碩士班	School System / Class	研究所碩士班1年1班
Lecturer	陳國祥	Full or Part-time	專任
Required / Credit	Optinal / 3	Graduate Class	No
Time / Place	(二)89A / H568	Language	Chinese

Introduction

The fundamental theory of plasticity, the theory of plane plastic stress and its applications, plastic behavior of plate and shells, dynamic plasticity, as well as finite element method are discussed in the courese.

Outline

1 Fundamental Principles
2. Problems in Plane Plastic Stress
3 Axisymmetric and Related Problems
4 Plastic Bending of Plates
5 Plastic Analysis of Shells
6 Plastic Anisotropy
7 Plastic Buckling
8 Dynamic Plasticity
9 Finite Element Method

Prerequisite

1. Engineering Mathematics.
2. Strength of Material