

100-1 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	流體力學	Serial No. / ID	1036 / MAV2009
Dept.	機械與自動化工程學系	School System / Class	四技部3年1班
Lecturer	陳國祥	Full or Part-time	專任
Required / Credit	Required / 3	Graduate Class	No
Time / Place	(三)34 / H541 (四)4 / H339	Language	Chinese

Introduction

A. The aims of Department of Mechanical and Automation Engineering:

Outline

1. Introduction
2. Fluid Statics
3. Elementary Fluid Dynamics ? The Bernoulli Equation
4. Fluid Kinematics
5. Finite Control Volume Analysis
6. Differential Analysis of Fluid Flow
7. Similitude, Dimensional Analysis, and Modeling

Prerequisite

1. Calculus
2. Physics
3. Engineering Mathematics