

# 101-1 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	流體力學	Serial No. / ID	1304 / MAV2009
Dept.	機械與自動化工程學系	School System / Class	四技部3年1班
Lecturer	吳佩學	Full or Part-time	專任
Required / Credit	Required / 3	Graduate Class	No
Time / Place	(一)2 / H445 (三)34 / H445	Language	Chinese

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

Outline
<ol style="list-style-type: none"><li>1. Introduction</li><li>2. Fluid Statics</li><li>3. Elementary Fluid Dynamics ? The Bernoulli Equation</li><li>4. Fluid Kinematics</li><li>5. Finite Control Volume Analysis</li><li>6. Differential Analysis of Fluid Flow</li><li>7. Similitude, Dimensional Analysis, and Modeling</li></ol>

Prerequisite
<ol style="list-style-type: none"><li>1. Calculus</li><li>2. Physics</li><li>3. Engineering Mathematics</li></ol>