

99-1 Preliminary Syllabus, Da-Yeh Univ

| Information | | | |
|-------------------|--------------------------|-----------------------|----------------|
| Title | 流體力學 | Serial No. / ID | 1523 / 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 | (一)34 / H466 (二)2 / H466 | Language | Chinese |

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

| Outline |
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| <ol style="list-style-type: none">1. Introduction2. Fluid Statics3. Elementary Fluid Dynamics ? The Bernoulli Equation4. Fluid Kinematics5. Finite Control Volume Analysis6. Differential Analysis of Fluid Flow7. Similitude, Dimensional Analysis, and Modeling |

| Prerequisite |
|---|
| <ol style="list-style-type: none">1. Calculus2. Physics3. Engineering Mathematics |