

## 99-2 Preliminary Syllabus, Da-Yeh Univ

| Information       |                          |                       |                |
|-------------------|--------------------------|-----------------------|----------------|
| Title             | 自動控制                     | Serial No. / ID       | 1844 / MAV2008 |
| Dept.             | 機械與自動化工程學系               | School System / Class | 四技部2年1班        |
| Lecturer          | 陳國祥                      | Full or Part-time     | 專任             |
| Required / Credit | Required / 3             | Graduate Class        | No             |
| Time / Place      | (三)2 / H441 (四)34 / H441 | Language              | Chinese        |

| Introduction  |
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| The main objectives of the course are to introduce the basic components of a control system, to give practical examples of control system, and basic concepts for further study in the field of automatic control system. |

| Outline  |
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| Introduction<br>Mathematical Foundation<br>Block Diagrams and Signal Flow Graphs<br>Modeling of Dynamic Systems<br>Time-Domain Analysis of Control Systems<br>Frequency-Domain Analysis<br>Design of Control Systems |

| Prerequisite                                     |
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| Engineering Mathematics<br>Engineering Mechanics |