

99-1 Preliminary Syllabus, Da-Yeh Univ

| Information | | | |
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| Title | 模糊控制 | Serial No. / ID | 1573 / MUR5027 |
| 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 | 陳昭雄 | Full or Part-time | 專任 |
| Required / Credit | Optinal / 3 | Graduate Class | No |
| Time / Place | (二)7 / H834 (五)34 / H834 | Language | English |

| Introduction |
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| The objective of this course focuses on the study of fuzzy logic control which contains several topics. These topics are fuzzy set, fuzzy membership functions, fuzzy number, fuzzy relation, fuzzy inference, and fuzzy control system. Advanced applications of fuzzy logic control are demonstrated by several examples. |

| Outline |
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| <ol style="list-style-type: none">1. Fuzzy logic introduction2. Fuzzy sets, fuzzy membership function3. Fuzzy relation4. Fuzzy inference system5. Fuzzy modeling6. Fuzzy logic control7. Fuzzy controller8. Neural fuzzy network |

| Prerequisite |
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| none |