

99-1 Preliminary Syllabus, Da-Yeh Univ

| Information | | | |
|-------------------|---------------|-----------------------|----------------|
| Title | 微波電路設計 | Serial No. / ID | 1155 / EGR5217 |
| Dept. | 電機工程學系碩士班 | School System / Class | 研究所碩士班1年1班 |
| Lecturer | 邱政男 | Full or Part-time | 專任 |
| Required / Credit | Optinal / 3 | Graduate Class | No |
| Time / Place | (一)567 / H367 | Language | Chinese |

| Introduction |
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| Concepts and design of microwave circuits |

| Outline |
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| Ch. 1: Introduction |
| Ch. 2: Transmission Lines |
| Ch. 3: Two-Port Networks |
| Ch. 4: Resonant Circuits |
| Ch. 5: Impedance-Matching Networks |
| Ch. 6: Filters |
| Ch. 7: Various Components and Their Parameters |
| Ch. 8: Receivers and Their Parameters |
| Ch. 9: Transmitter and Oscillator Systems |
| Ch. 10: Modern CAD Software |

| Prerequisite |
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| Electromagnetics |