

# 102-1 Preliminary Syllabus, Da-Yeh Univ

| Information       |               |                       |                |
|-------------------|---------------|-----------------------|----------------|
| Title             | 天線設計          | Serial No. / ID       | 2048 / EDR5002 |
| Dept.             | 電機工程學系博士班     | School System / Class | 研究所博士班1年1班     |
| Lecturer          | 吳俊德           | Full or Part-time     | 專任             |
| Required / Credit | Optinal / 3   | Graduate Class        | No             |
| Time / Place      | (一)89A / H369 | Language              | English        |

| Introduction  |
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| Help students to familiar with the basic principle of antenna, and give them the ability to design, simulate and measure antenna. |

| Outline   |
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| <ol style="list-style-type: none"><li>1. dipole &amp; loop antennas</li><li>2. antenna array</li><li>3. traveling wave antenna</li><li>4. broadband antenna</li><li>5. planar antenna</li><li>6. parabolic antenna</li><li>7. antenna measurement</li></ol> |

| Prerequisite     |
|------------------|
| Electromagnetics |