

## 98-1 Preliminary Syllabus, Da-Yeh Univ

| Information       |                          |                       |                |
|-------------------|--------------------------|-----------------------|----------------|
| Title             | 固態電子學                    | Serial No. / ID       | 1111 / EEI3054 |
| Dept.             | 電機工程學系                   | School System / Class | 大學日間部3年2班      |
| Lecturer          | 蕭宏彬                      | Full or Part-time     | 專任             |
| Required / Credit | Required / 3             | Graduate Class        | NO             |
| Time / Place      | (三)12 / H339 (二)8 / H339 | Language              | Chinese        |

| Introduction |  |
|--------------|--|
| TBA          |  |

| Outline  |  |
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| 1. Crystalline Structure of Solids; 2. Introduction to Quantum Mechanics; 3. Introduction to the Quantum Theory of Solids; 4. Semiconductors in Equilibrium; 5. Carrier Transport; 6. Non-equilibrium Excess Carriers in Semiconductors. |  |

| Prerequisite |  |
|--------------|--|
| None         |  |