

102-2 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	室內配線與應用實務	Serial No. / ID	1910 / EEI4265
Dept.	電機工程學系	School System / Class	大學日間部1年1班
Lecturer	許貴序	Full or Part-time	兼任
Required / Credit	Required / 3	Graduate Class	No
Time / Place	(四)567 / H367	Language	Chinese

Introduction
<ol style="list-style-type: none"> 1. Can understand basic hand tools names and operations. 2. Be able to recognize the symbols and circuit of electrical control system . 3. Can be familiar with electrical power distribution statutory requirement and operating techniques. 4. Be able to obtain the government licenses of Commercial Wiring . 5. Can understand the development and application of electrical engineering. 6. Can establish the correct concept of professional ethics and environmental safety.

Outline
<ol style="list-style-type: none"> 1. The course of industrial safety education and workshop environment equipment. 2. Basic hand tools introduced of commercial wiring. 3. Commercial Wiring distribution equipment and power system description 4. The Introduction of electrical automatic control devices and components. 5 Basic working method - PVC pipe elbow exercises. 6 Basic working method - EMT tube bending exercises. 7 Basic working method - Operational for the cable and metal pipes. 8 Comprehensive exercises of commercial wiring. 9 Electrical control theory and exercises. 10 High-voltage transformer working method and operating.

Prerequisite
<ol style="list-style-type: none"> 1 Basic electrical circuit theory and practice .

- 2 The regulations of Commercial Wiring .
- 3 Electrical control theory and practice .
- 4 High Voltage Distributio Project .
- 5 Industrial safety and health education .