

102-1 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	室內配線與應用實務	Serial No. / ID	2241 / EEI4265
Dept.	電機工程學系	School System / Class	大學日間部4年1班
Lecturer	許貴序	Full or Part-time	兼任
Required / Credit	Optinal / 3	Graduate Class	Yes
Time / Place	(三)ABC / H368	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 de s c r i p t i o n 4. The Introduction of electrical automatic control devices and components. 5 Bsic 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
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 .