

102-1 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	太陽光電技術	Serial No. / ID	2530 / EEI4210
Dept.	電機工程學系	School System / Class	大學日間部3年3班
Lecturer	蔡渙良	Full or Part-time	專任
Required / Credit	Optinal / 3	Graduate Class	No
Time / Place	(一)678 / H341	Language	Chinese

Introduction
1. Introduce a basic understanding of the characteristics, parameters and electrical components of photovoltaic (PV) system.
2. Present a comprehensive engineering basis for photovoltaic system analysis and deign.

Outline
1. Introduction
2. Crystalline silicon solar cells
3. Thin film solar cells
4.Space and concentrator solar cells
5. Organic and dye sensitized solar cells
6. Testing, monitoring and calibration

Prerequisite
Semiconductor Technology