

99-2 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	太陽光電技術	Serial No. / ID	1715 / EGR5241
Dept.	電機工程學系碩士班	School System / Class	研究所碩士班1年1班
Lecturer	蔡渙良	Full or Part-time	專任
Required / Credit	Optinal / 3	Graduate Class	No
Time / Place	(三)123 / H729	Language	German

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