

# 101-1 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	太陽光電技術	Serial No. / ID	1739 / EEI4210
Dept.	電機工程學系	School System / Class	大學日間部3年1班
Lecturer	蔡渙良	Full or Part-time	專任
Required / Credit	Optinal / 3	Graduate Class	No
Time / Place	(二)234 / H303	Language	Chinese

Introduction
<ol style="list-style-type: none"><li>1. Introduce a basic understanding of the characteristics, parameters and electrical components of photovoltaic (PV) system.</li><li>2. Present a comprehensive engineering basis for photovoltaic system analysis and deign.</li></ol>

Outline
<ol style="list-style-type: none"><li>1. Introduction</li><li>2. Crystalline silicon solar cells</li><li>3. Thin film solar cells</li><li>4.Space and concentrator solar cells</li><li>5. Organic and dye sensitized solar cells</li><li>6. Testing, monitoring and calibration</li></ol>

Prerequisite
Semiconductor Technology