

102-2 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	太陽能工程	Serial No. / ID	2110 / EEI4269
Dept.	電機工程學系	School System / Class	大學日間部4年1班
Lecturer	蔡渙良	Full or Part-time	專任
Required / Credit	Optinal / 3	Graduate Class	Yes
Time / Place	(一)567 / H343	Language	Chinese

Introduction
Provide a basic understanding for Solar Energy Engineering: Processes and Systems that includes all areas of solar energy engineering. Provide appropriate background to proceed into areas such as photovoltaic (PV), solar thermal, solar-related systems.

Outline
Introduction ; Solar characteristics Solar energy collectors ; Performance of solar collectors Solar water heating systems Solar space heating and cooling Industrial process heat, chemistry applications, and solar dryers ; Solar desalination systems Photovoltaic systems ; Solar thermal power systems ; Designing and modeling solar energy systems Solar economic analysis. ;

Prerequisite
none