## ②国立束牵大學

## 課 綱 Course Outline

電機工程學系碩士班國際組

中文課程名稱 Course Name in Chinese	薄膜太陽能電池					
英文課程名稱 Course Name in English	Thin-film solar cells					
科目代碼 Course Code	EEM0210	班 別 Degree	碩士班 Master's			
修別 Type	選修 Elective	學分數 Credit(s)	3.0	時 數 Hour(s)	3.0	
先修課程 Prerequisite						
課程目標 Course Objectives						
The thin-film solar cells are classified. The semiconductor materials and their related properties for various types of solar cells are introduced. In addition, the device structures and the design concepts associated with the device performance are addressed. The deposition techniques of the semiconductors and fabrication processes of thin-film solar modules are highlighted.						
To educate students with global perspectiv 系専業能力 Basic Learning Outcomes				力相關性 Correlat between Objectiv Dept.'s	課程目標與系專業能 力相關性 Correlation between Course Objectives and Dept.'s Education Objectives	
<ul> <li>培育具備電機電子資訊工程等專業技術研發之能力。</li> <li>A To cultivate the research and developing ability of electrical, electronics and information engineering。</li> </ul>						
<ul> <li>培育系統分析、模擬驗證、實作實現之能力。</li> <li>B To cultivate the advanced ability of analysis, verification and implementation of systems。</li> </ul>					0	