

# 99-1 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	軟體工程	Serial No. / ID	2211 / IFR5130
Dept.	資訊工程學系碩士班	School System / Class	研究所碩士班1年1班
Lecturer	邱紹豐	Full or Part-time	專任
Required / Credit	Optinal / 3	Graduate Class	No
Time / Place	(三)34 / H708 (四)8 / H708	Language	Chinese

Introduction
This course help the student understand what software engineering is and why it is important. The objective is to provide a framework for understanding the essential software process of specification, design, development, verification and validation.

Outline
<ol style="list-style-type: none"><li>1. Software engineering and software life cycle.</li><li>2. Concept of object oriented development</li><li>3. Unified Modeling Language(UML)</li><li>4. Project management</li><li>5. Requirement analysis</li><li>6. Object oriented analysis</li><li>7. Object oriented design</li><li>8. Implementation and integration</li><li>9. Software quality assurance and test</li><li>10. Software maintenance</li></ol>

Prerequisite
None