

# 100-1 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	系統分析與設計	Serial No. / ID	1581 / IMM2020
Dept.	資訊管理學系	School System / Class	大學日間部3年1班
Lecturer	林清同	Full or Part-time	專任
Required / Credit	Required / 3	Graduate Class	No
Time / Place	(二)789 / B504	Language	Chinese

Introduction
This course provide the methodology and technique for information system analysis and design. It hope the student who have taken this course can assist the company develop information system fit their need.

Outline
<ol style="list-style-type: none"><li>1. The context of systems analysis and design methods (SEP)</li><li>2. Information systems development(PS)</li><li>3. Project management(SCPE)</li><li>4. System analysis(SCPE)</li><li>5. Fact-finding techniques for Requirements discovery(SCP)</li><li>6. Modeling system requirements with use-cases(SP)</li><li>7. Data Modeling and analysis(SP)</li><li>8.Process modeling(SP)</li><li>9.Object-oriented analysis and modeling using the UML(SP)</li><li>10.Feasibility analysis and the system proposal(SCP)</li><li>11.System design(SP)</li><li>12.Application architecture and modeling(SP)</li><li>13.Database design(SP)</li><li>14.Output design and prototyping(SP)</li><li>15. Input design and prototyping(SP)</li></ol>

Prerequisite
Management Information System programming capability