

# 99-1 Preliminary Syllabus, Da-Yeh Univ

| Information       |                          |                       |                |
|-------------------|--------------------------|-----------------------|----------------|
| Title             | 系統分析與設計                  | Serial No. / ID       | 1718 / 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      | (一)12 / B202 (四)2 / B202 | 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

1. The context of systems analysis and design methods (SEP)
2. Information systems development(PS)
3. Project management(SCPE)
4. System analysis(SCPE)
5. Fact-finding techniques for Requirements discovery(SCP)
6. Modeling system requirements with use-cases(SP)
7. Data Modeling and analysis(SP)
- 8.Process modeling(SP)
- 9.Object-oriented analysis and modeling using the UML(SP)
- 10.Feasibility analysis and the system proposal(SCP)
- 11.System design(SP)
- 12.Application architecture and modeling(SP)
- 13.Database design(SP)
- 14.Output design and prototyping(SP)
15. Input design and prototyping(SP)

## Prerequisite

Management Information System  
programming capability