

# Syllabus

## Systems planning & Analysis

Course Name	Course type (credit/hours)		전필 (3/3)		Course code	
	Target students Division/major/grade		경영정보학과/6학년		Opening semester	
	Class time and classroom		월11(다110) 월12(다110) 월13(다110)(다110)			
Reference to this course	Related basic courses					
	Recommended concurrent courses					
	Related advanced courses					
Instructor	Name (title/division)		Haile Tegegne Tesfaye			
	Office Room Number		Office phone Number		e-mail	taghanni1@ajou.ac.kr
	Office hours		Homepage address			
Teaching Assistant	Name (title/division)					
	Office Room Number		Office phone Number		e-mail	

### 1. Introduction

The goal of this course is to enable students to actually analyze and design systems with UML. This course introduces major techniques of object-oriented system analysis & design and provides opportunities for students to practice them. After finishing this course, students will have basic skills to perform SAD projects by using UML.

### 2. Course Objectives

### 3. Class types and activities

#### 4. Teaching Method

The course will be proceeded by presentations and discussions. For each presentation, a student is assigned to a topic. Participation in class discussion is strongly suggested. Homework assignments will be periodically assigned to support and supplement material found in the textbook.

#### 5. Knowledge and ability required for taking this course

#### 6. Method of Evaluation

Evaluation Item	The Number of Times	Evaluation Proportion	Remarks
Attendance			
midterm exam			
final exam			
quiz			
presentation			
discussion			
homework			
etc			

Your grade is determined from homework assignments, final exams (possibly including a midterm exam), presentations, participations, and class attendance. These components have the following approximate weights.

Midterm & Final: 60%

Presentations and participations: 20%

Assignments: 10%

Attendance: 10%

\* The ration might be changed with prior notification.

## 7. Textbooks

Main/Sub	Title	Writer	Publisher	Publication year
주교재	Systems Analysis and Design with UML, 4th ed. (Not fixed yet!)	D. Tegarden, A. Dennis, & B. H. Wixom	Wiley	2012
주교재	Systems Analysis & Design, 5th ed. (Not fixed yet!)	R. M. Roth, A. Dennis, & B. H. Wixom	Wiley	2012

## 8. Lecture Schedule

Week	Lecture contents	Lesson type	Remark
1	Introduction to Systems Analysis and Design	Lecture, Presentation, or Discussion	
2	Project Management	Lecture, Presentation, or Discussion	
3	Requirements Determination	Lecture, Presentation, or Discussion	
4	Business Process and Functional Modeling	Lecture, Presentation, or Discussion	
5	Structural Modeling	Lecture, Presentation, or Discussion	
6	Behavioral Modeling	Lecture, Presentation, or Discussion	
7	System Design	Lecture, Presentation, or Discussion	
8	Midterm Exam (Chapter 1~7)	Exam	
9	Class and Method Design	Lecture, Presentation, or Discussion	
10	Data Base Design	Lecture, Presentation, or Discussion	
11	User Interface Design	Lecture, Presentation, or Discussion	
12	Architecture	Lecture, Presentation, or Discussion	
13	Development	Lecture, Presentation, or Discussion	

8. Lecture Schedule

Week	Lecture contents	Lesson type	Remark
14	Installation	Lecture, Presentation, or Discussion	
15	Review Session	Q&A	
16	Final Exam (Chapter 8~13)	Exam	

9. Others

특기 사항 없음