

Syllabus

Advanced Business Statistics

Course Name	Course type (credit/hours)		전선(3/3)		Course code	
	Target students Division/major/grade		/		Opening semester	
	Class time and classroom		목11(다505) 목12(다505) 목13(다505)(다505)			
Reference to this course	Related basic courses					
	Recommended concurrent courses					
	Related advanced courses					
Instructor	Name (title/division)					
	Office Room Number		Office phone Number	2909	e-mail	bychang@ajou.ac.kr
	Office hours		Homepage address			
Teaching Assistant	Name (title/division)					
	Office Room Number		Office phone Number		e-mail	

1. Introduction

Review basic theory of statistics and provide statistical analysis tools to solve real managerial problems. Specially, students will learn how to use statistical techniques to write a research paper for their field.

2. Course Objectives

3. Class types and activities

4. Teaching Method

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5. Knowledge and ability required for taking this course

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6. Method of Evaluation

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

Grading: The final grade will be based on the general attitude for the class, attendance, test 1, the midterm (report 1 & presentation 1), term project (report 2 & presentation 2) and the final exam (test 2) as:

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General Attitude: 10%

?Attendance: 2 point subtraction for each absence in final total score. If you let me know the reason of your absence in advance,

then I'm going to admit it.

?Test 1: 20%

?Midterm Exam: 20%

?Term Project: 25%

?Final Exam: 25%

7. Textbooks

Main/Sub	Title	Writer	Publisher	Publication year
주교재	Applied Multivariate Statistical Analysis	Richard A. Johnson, Dean W. Wichern		

8. Lecture Schedule

Week	Lecture contents	Lesson type	Remark
1	Introduction to Course. What is Statistics?		
2	Review Basic Theory of Statistics		
3	Review Basic Theory of Statistics		
4	Test 1	실습	
5	Linear Regression & Correlation		
6	Multiple Regression and the General Linear Model		
7	More on Multiple Regression	실습	
8	Midterm Exam(Report 1 & Presentation 1)		
9	Inference about Comparing Two Populations		
10	Multiple Comparison	실습	
11	Analysis of Variance		
12	Categorical Data Analysis	실습	
13	Logistic Regression		
14	Final Exam (Test 2)		
15	Presentation (Report 2 & Presentation 2)		
16	Presentation (Report 2 & Presentation 2)		

9. Others