

開南大學九十六年度第一學期 物業管理學系教學計劃表

課程編號	1	0	A	0	1	0	0	4	1		授課教師： 郭耀禎 老師
班次	01									<input checked="" type="checkbox"/> 必修 <input type="checkbox"/> 選修	開課系所： 物業管理 學系
課程名稱(中文)										學分數	年級班別： 一年 A 班
微積分(上)										3	課程名稱(英文)
微積分(上)											Calculus
教學目標與內容	1、理解微積分的基本概念。 2、熟悉微分與積分的運算技巧。 3、進而應用微積分解決經濟、社會科學及管理決策相關的問題。										
實施方法	<input checked="" type="checkbox"/> 講解法 <input type="checkbox"/> 實作法 <input type="checkbox"/> 討論法 <input type="checkbox"/> 演習法 <input type="checkbox"/> 問答法 <input type="checkbox"/> 其他_____										
評量方式	期中測驗 20% 。期末測驗 30% 。平時成績 10% 。作業成績 20% 。小考成績 2@10%										
授課使用及參考書籍	(請按作者、書名、版別、出版商、發行地、出版年份、起訖頁數順序填寫)。 使用教材:Dennis Berkey "APPLIED CALCULUS", Third Edition, 滄海書局, 2004, P1~P839 參考書籍: 林光賢、陳天進、劉明郎, 微積分, 華泰文化, 2005, P1~P631										
科目簡介(含課程大綱及教學進度)：											
Week #	Date	Contents									
1	9/12	Syllabus and Course Objectives									
2	9/19	Chapter 1 Numbers, Functions, and Graphs: 1.1~1.4									
3	9/26	Chapter 1 Numbers, Functions, and Graphs: 1.5~1.7									
4	10/3	Chapter 2 The Derivative: 2.1~2.3; Ass#1									
5	10/10	國慶日									
6	10/17	Quiz #1(1.1~2.6); Chapter 2 The Derivative: 2.4;									
7	10/24	Chapter 2 The Derivative: 2.5~2.7; Ass#2									
8	10/31	Chapter 2 The Derivative: 2.8~2.9									
9	11/7	期中考									
10	11/14	Chapter 3 Applications of the Derivative: 3.1~3.2									
11	11/21	Chapter 3 Applications of the Derivative:3.3~3.4									
12	11/28	Chapter 3 Applications of the Derivative:3.5~3.6 ; Ass #3									
13	12/5	Chapter 3 Applications of the Derivative:3.7~3.8									
14	12/16	Quiz #2; Chapter 3 Applications of the Derivative:3.9~3.11									
15	12/19	Chapter 4 Exponential and Logarithmic Functions:4.1~4.2									
16	12/26	Chapter 4 Exponential and Logarithmic Functions:4.3~4.4; Ass #4									
17	1/2	Chapter 4 Exponential and Logarithmic Functions:4.5~4.6;									
18	1/9	期末考週，不上課									

說明：

1. 授課教師於學期前填寫本表，經課程委員會審核後，影印分送給教師所屬課程委員會召集人，授課班級所屬系、所及教務處課務組；並於開始上課時，將本內容向學生說明。
2. 本表於 91.4.23 第四次校課程委員會討論通過。

課程委員會召集人：

物業系
主任 王敏順

授課教師：

郭耀棟



課務組
辦事員 郭惠嫻

Kainan University

 Fall SpringProperty Management Department
Course Schedule

CRN	Course title	Instructor	Subject	grade	Credits	Hours per week
10A010041	Chinese : 微積分(上)	Kuo, Yao-Chen	<input checked="" type="checkbox"/> required <input type="checkbox"/> elective	1 st	3	3
	English : Calculus	Course prerequisites	None			
Teaching goal and content	1. Understand the concept of the Calculus 2. Be familiar with the techniques of Derivative and Integrations 3. Be able to apply the concept of calculus to solving the problems related to business decision making and economy					
Teaching Methods	<input checked="" type="checkbox"/> Lecture ◦ <input type="checkbox"/> practical training ◦ <input type="checkbox"/> discussion ◦ <input type="checkbox"/> question-and-answer ◦ <input type="checkbox"/> others () ◦					
Grading and evaluation criteria	Midterm 20 % ◦ Final 30 % ◦ Class participation 10 % ◦ Assignments 20 % ◦ Quiz 20%					
Textbooks	(Author、Title、edition、publisher、publishing place、publishing year、from page to page in sequence) ◦ Textbook: Dennis Berkey "APPLIED CALCULUS", Third Edition, 滄海書局, 2004, P1~P839					

Subject introduction (including outline and course schedule) :

Week #	Date	Contents
1	9/12	Syllabus and Course Objectives
2	9/19	Chapter 1 Numbers, Functions, and Graphs: 1.1~1.4
3	9/26	Chapter 1 Numbers, Functions, and Graphs: 1.5~1.7
4	10/3	Chapter 2 The Derivative: 2.1~2.3; Ass#1
5	10/10	Holiday
6	10/17	Quiz #1(1.1~2.6); Chapter 2 The Derivative: 2.4;
7	10/24	Chapter 2 The Derivative: 2.5~2.7; Ass#2
8	10/31	Chapter 2 The Derivative: 2.8~2.9
9	11/7	Midterm
10	11/14	Chapter 3 Applications of the Derivative: 3.1~3.2
11	11/21	Chapter 3 Applications of the Derivative:3.3~3.4
12	11/28	Chapter 3 Applications of the Derivative:3.5~3.6 ; Ass #3
13	12/5	Chapter 3 Applications of the Derivative:3.7~3.8
14	12/16	Quiz #2; Chapter 3 Applications of the Derivative:3.9~3.11
15	12/19	Chapter 4 Exponential and Logarithmic Functions:4.1~4.2

16	12/26	Chapter 4 Exponential and Logarithmic Functions:4.3~4.4; Ass #4
17	1/2	Chapter 4 Exponential and Logarithmic Functions:4.5~4.6;
18	1/9	Final Exam

Instruction :

1. The teacher fills in this form before the semester beginning. After verified by the curriculum committee, this form should be copied to give to the conveners who is belong to the same department, the department which the class is belong to, and the office of curriculum planning. Besides, the teacher explains this syllabus to students at the beginning of a semester.
2. This form is approved by the curriculum committee at the forth time on April 23rd, 2002

Convener of the curriculum committee :

物業系主任 王敏順

Teacher :

郭耀輝

課務組辦事員 郭惠嫻

