開南大學九十六年度第二學期　　物業管理學系教學計劃表

課程編號	1　0　A　0　1　0　0　4　2	■ 必修 □ 選修	授課教師：　郭燿禎　　老師 開課系所：　物業管理　　學系
班次	01		年級班別：　一　年　A　班

課程名稱(中文)	學分數	課程名稱(英文)
微積分(下)	3	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	■講解法□實作法□討論法□演習法□問答法□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 10% 。小考成績 2@15%
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

科目簡介(含課程大綱及教學進度)：

Week #	Date	Contents
1	2/27	**Chapter 4** Exponential and Logarithmic Functions:4.1~4.2
2	3/5	**Chapter 4** Exponential and Logarithmic Functions:4.2~4.3
3	3/12	**Chapter 4** Exponential and Logarithmic Functions: 4.4
4	3/19	**Chapter 4** Exponential and Logarithmic Functions: 4.5
5	3/26	**Chapter 4** Exponential and Logarithmic Functions: 4.6
6	4/2	**Chapter 5** Antiderivatives and the Definite Integral: 5.1
7	4/9	**Chapter 5** Antiderivatives and the Definite Integral: 5.2~5.3
8	4/16	**Chapter 5** Antiderivatives and the Definite Integral: 5.4~5.5
9	4/23	期中考
10	4/30	**Chapter 5** Antiderivatives and the Definite Integral: 5.5~5.6
11	5/7	**Chapter 5** Antiderivatives and the Definite Integral: 5.7~5.8
12	5/14	**Chapter 6** Trigonometric Functions:6.1~6.2
13	5/21	**Chapter 6** Trigonometric Functions:6.2~6.4
14	5/28	**Chapter 6** Trigonometric Functions:6.5
15	6/4	**Chapter 7** Techniques of Integration:7.1
16	6/11	**Chapter 7** Techniques of Integration:7.2~7.3
17	6/18	**Chapter 7** Techniques of Integration:7.4~7.5
18	6/25	期末考

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：郭燿禎

郭惠姍

97.3.3 收文章

Kainan University

☐ Fall ■ Spring

Property Management Department
Course Schedule

CRN	Course title	Instructor	Subject	grade	Credits	Hours per week
10A010042	Chinese：微積分(下)	Kuo, Yao-Chen	■ required ☐ elective	1st	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 ecomony
Teaching Methods	■ Lecture。 ☐ practical training。 ☐ discussion。 ☐ question-and-answer。 ☐ others（ ）。
Grading and evaluation criteria	Midterm 20 %。Final 30 %。Class participation 10 %。Assignments 10 %。Quiz 30%
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	2/27	**Chapter 4** Exponential and Logarithmic Functions:4.1~4.2
2	3/5	**Chapter 4** Exponential and Logarithmic Functions:4.2~4.3
3	3/12	**Chapter 4** Exponential and Logarithmic Functions: 4.4
4	3/19	**Chapter 4** Exponential and Logarithmic Functions: 4.5
5	3/26	**Chapter 4** Exponential and Logarithmic Functions: 4.6
6	4/2	**Chapter 5** Antiderivatives and the Definite Integral: 5.1
7	4/9	**Chapter 5** Antiderivatives and the Definite Integral: 5.2~5.3
8	4/16	**Chapter 5** Antiderivatives and the Definite Integral: 5.4~5.5
9	4/23	**Midterm Exam**
10	4/30	**Chapter 5** Antiderivatives and the Definite Integral: 5.5~5.6
11	5/7	**Chapter 5** Antiderivatives and the Definite Integral: 5.7~5.8
12	5/14	**Chapter 6** Trigonometric Functions:6.1~6.2
13	5/21	**Chapter 6** Trigonometric Functions:6.2~6.4
14	5/28	**Chapter 6** Trigonometric Functions:6.5
15	6/4	**Chapter 7** Techniques of Integration:7.1

16	6/11	**Chapter 7** Techniques of Integration:7.2~7.3
17	6/18	**Chapter 7** Techniques of Integration:7.4~7.5
18	6/25	**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** : 郭耀禎