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教學計畫表 Syllabus

課程名稱(中文) Course Name in Chinese	微積分(一)			學年/學期 Academic Year/Semester	113-1
課程名稱(英文) Course Name in English	Calculus(I)			授課教師 Instructor	Huai-Jie Yao
科目代碼 Course Code	DS__10020	系級 Department & Year		開課單位 Course-Offering Department	
修別 Type	☐ 必修 Required ☐ 選修 Elective ☐ 學程 Program	學分數/時數 Credit(s)/ Hour(s)		3	
先修課程 Prerequisite	None				
課程描述 Course Description	In this course, students will be expected to be familiar with: 1. Limits and continuity of functions. 2. Exponential and logarithmic functions. 3. The derivative and its applications. 4. Applications of the Derivative. 5. Integrals. *** This course will be taught in English ***				

授課進度表 Teaching Schedule & Content

週次 week	內容 (Subject/Topics)	備註Remarks
1	Ch 1: Functions and Models	1.1, 1.3, 1.4
2	Ch 1, Ch 2 Limits and Derivatives	1.4, 1.5, 2.2,
3	Ch 2 Limits and Derivatives	2.3, 2.4,
4	Ch 2 Limits and Derivatives	2.5, 2.6
5	Ch 2 Limits and Derivatives	2.7, 2.8
6	Midterm Exam	
7	Ch 3: Differentiation Rules	3.1, 3.2
8	Ch 3: Differentiation Rules	3.3, 3.4
9	Ch 3: Differentiation Rules	3.5, 3.6
10	Ch 3: Differentiation Rules	3.10
11	Ch 4: Applications of Differentiation	4.1
12	Midterm Exam	
13	Ch 4: Applications of Differentiation	4.2
14	Ch 4: Applications of Differentiations	4.3
15	Ch 4: Applications of Differentiation	4.4

課程教材網址 (教師個人網址請列在本校內之網址)

Teaching Aids & Teacher's Website (Personal website can be listed here.)

<https://classroom.google.com/c/NzA1NzEwMjI0OTUz?cjc=qjaziw2>

All course materials will be available on Google Classroom.

其他補充說明 (Supplemental instructions)