課程大綱及進度表

開課系所	數二
開課學年	100
開課學期	2
課程名稱(中文)	微分方程導論
課程名稱（英文）	Introduction to Differential Equations
課程碼	C120500
分班碼	
先修科目或先備能力	
學分數	3
開課教師	黃炎坤
e-mail	
電話	
Office Hours	By Appointment
課程概述	Differential equations is a subject that will always play a central role in describing phenomena that change over time. The modern landscape of technology demands a modern approach to differential equations.
教學目標	This course provides the mathematical foundations needed for understanding and working with differential equations.
授課課程大綱明細	1. First order differential equations 2. Second order linear equations 3. Higher order linear equations 4. Series solutions 5. Laplace transform 6. Numerical solutions
參考書目	TBA in class

課程要求	
評量方式	Quiz 20% Midterm 30% Final 50%
課程網址	
助教資訊	
備註	