

## 課程大綱及進度表

開課系所	數學所碩一二
開課學年	99
開課學期	1
課程名稱(中文)	機率論(一)
課程名稱(英文)	PROBABILITY(1)
課程碼	L150210
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	略
電話	略
Office Hours	By Appointment
課程概述	This approach attempts a rigorous development of probability by using the tools of measure theory.
教學目標	This course provides the rigorous mathematical foundations needed for understanding and working with the modern theories of probability
授課課程大綱明細	<ol style="list-style-type: none"> <li>1. Measure-theoretic preliminaries</li> <li>2. Probabilistic foundations</li> <li>3. Convergence concepts and weak convergence</li> <li>4. Law of Large Numbers</li> <li>5. Characteristic functions</li> <li>6. Central Limit Theorem</li> </ol>
參考書目	

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