課程大綱及進度表

開課系所	Mathematics
開課學年	2012
開課學期	Fall
課程名稱(中文)	
課程名稱（英文）	Algebra I
課程屬性碼	L150410
課程碼	
分班碼	
課程對應系(所、開課單位) 教育目標(全名)	
課程對應系(所、開課單位) 基本素養(全名)	
課程對應系(所、開課單位) 核心能力(全名)	
先修科目或先備能力	Linear Algebra, Undergraduate Algebra I & II.
學分數	3
開課教師	Eugene Zhu Xia
e-mail	eugenexia at gmail.com
電話	
Office Hours	By appointment
課程概述（中文、英文）	This is the standard first year graduate class on algebra. Topoics include Groups,Classification of finitely generated abelian groups, Sylow's theorem; Rings, polynomial rings and etc.

教學目標	Introduction of the concepts of Group and Rings and their basic properties.
授課課程大綱明細	1. Groups, Classification of finitely generated abelian groups, Sylow's theorem. 2. Rings.
參考書目	Algebra, Thomas Hungerford
課程要求	
評量方式	Homework & Presentations: 30% Mid-term: 30% Final: 40%
課程網址	
助教資訊	
備註	