課程大綱及進度表

開課系所	Applied Mathematics
開課學年	2010
開課學期	Fall
課程名稱(中文)	多元二次多項式
課程名稱（英文）	Multivariable Quadratic Polynomials
課程碼	L153700
分班碼	
先修科目或先備能力	
學分數	3
開課教師	Eugene Zhu Xia (夏杼)
e-mail	eugenexia \at gmail.com
電話	Ext 65159
Office Hours	
課程概述（中文、英文）	This class covers the first four chapters of the text book. The Goal is prove the Hasse-Minkowski theorem, i.e to determine when a multivariable quadratic polynomial equation over the rational numbers has a rational solution.
教學目標	

授課課程大綱明細	
參考書目	J.-P. Serre, A Course in Arithmetic
課程要求	The students are required to give a few presentations of closely related topics.

評量方式	Student presentations.
課程網址	http://www.math.ncku.edu.tw/~xia
助教資訊	
備註	