



課程概述 Course Description

課程代碼 Course Code	中文課程名稱 Course Name(Chinese)	英文課程名稱 Course Name(Chinese)	總學分數 Credits	總時數 Hours	冊別 Hours
03206	電磁學	Electromagnetics	3	3	1
中文概述 Chinese Description	探討靜止電荷與運動電荷所產生的電與磁的現象，並熟悉電磁學之基本定律如庫倫、高斯、安培、法拉第定律等，進而了解電磁工程元件與系統的工作原理以期進一步之科技應用。				
英文概述 English Description	Study the electric and magnetic phenomena caused by electric charges at rest or in motion, and to be familiar with the basic laws of electromagnetics such as Coulomb, Gauss, Ampere, and Faraday laws etc., in addition to understand the work principles of electromagnetic devices and systems in order to further apply in the science and engineering.				