朝陽科技大學 097學年度第1學期教學大綱
Fundamental Mathematics 基礎數理

當期課號	1845	Course Number	1845
授課教師	紀子文	Instructor	CHI,TZE WEN
中文課名	基礎數理	Course Name	Fundamental Mathematics
開課單位	環境工程與管理系(四日)一A	Department	
修習別	必修	Required/Elective	Required
學分數	2	Credits	2
課程目標	本課程主要教授數的性質與運用代數、三角幾何關係、排列組合與機率、統計分析。	Objectives	This course is to enhance the freshmen's fundamental ability in high school mathematics. It intends to review topics regarding (1) the number system and its application, (2) logarithmic and exponential function, (3) trigonometric functions, (4) vector, (5) plane analytical geometry, (6) matrix and algebraic equations, and other options.
教材	上網下載	Teaching Materials	Download Wed materials
成績評量方式	期中考-- 20% 習作成績--30% 期末考-- 30% 學習態度--20%	Grading	Mid-term Exam.-- 20% Homeworks--30% Final Exams-- 30% Learning Attitude--20%
教師網頁			
教學內容	穩固環管系新進同學基本數理能力，以便加強未來四年課程學習效果。數學部分：(非微積分與微分方程之數學) 物理部分：(單位、向量、非微積分之運動學)	Syllabus	Enhance freshmen's foundamental ability in math and physics. Syllabus for math including trigonometric functions, polynomial equation, plane analytic geometry, solution of algebraic equations. Syllabus for physics including unit, volumn, vector, motion theory.

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