朝陽科技大學 097學年度第2學期教學大綱
Transportation Engineering 運輸工程

當期課號	1602	Course Number	1602
授課教師	金文森	Instructor	KING,WON SUN
中文課名	運輸工程	Course Name	Transportation Engineering
開課單位	營建工程系(四日)二A	Department	
修習別	選修	Required/Elective	Elective
學分數	2	Credits	2
課程目標	運輸工程發展史，運輸與都市區位，都市運輸系統規劃運輸模式介紹公路工程設計，交通流特性，交通系統控制，街道系統控制，交通號誌系統，公路安全，航空站規劃及佈置港灣規劃，港口設施規劃，鐵路軌道，分道盆及側線，車場及車站，號誌及號誌使用方法，機車列車阻力，加減速，都市捷運系統	Objectives	To introduce the magnitude, variety and complexity of transportation systems as human activities and as a multimodal (land, air and water) engineering discipline involving planning, design and operations. The course covers transportation functions; transportation systems, including land, air, and marine modes; transportation system elements, including traveled way, vehicle, controls, and terminals; techniques of transportation system planning, design, and operation.
教材	陳偉全,運輸工程學概論,高立	Teaching Materials	
成績評量方式	學習態度(10%)、期中考(30%)、期末考(30%)、作業(10%)、專題報告(20%)	Grading	Learning Attitudes (10%), Mid-Term Exam (30%), Final Exam(30%),Homework(10%),Report(20%)
教師網頁			
教學內容	1.陸地運輸 2.海面運輸 3.空中運輸	Syllabus	1. The Land Transportation 2. The Sea Transportation 3. The Sky Transportation

尊重智慧財產權，請勿非法影印。