

開南大學 95 年度第 2 學期 空運 學系、所、中心科目教學計劃表

課程編號	1	5	7	0	3	5	1	0	0	V 必修	授課教師：許清賢老師
班次	進修部 01										開課系所：空運學系
											年級班別：二年 A 班
課程名稱(中文)										學分數	課程名稱(英文)
機場規劃與設計										3	The Planning and Design of Airport
教學目標 與內容	<p>機場為航空運輸之樞紐，其功能可提供航機安全起降、旅客轉換運輸工具之場所。諸如航機起降所需飛航安全、淨空障礙面、進場後之迅速安全滑行停泊；旅客能方便到達機場、快速準時通關上機，到場旅客能迅速通關離開機場，過境旅客能迅速順利轉機；旅客如因故需逗留航廈時，則須提供額外高水準服務，滿足其需求面。機場規劃與設計內容應涵蓋：從空側之空域規劃、航路、航管助導航系統；跑道、滑行道、停機坪、到路側之航廈建築、內外交通系統、停車場、貨運地區、機場維護、地勤支援等。</p> <p>Airport (or aerodrome in civil aviation law) is the key to the air transportation. It proves the place for airplanes to take off safely, for passengers to transfer their transportation vehicles. For example, these are the matters of the aviation safety of aircrafts taking off, clarifying the clog and obstacles, quickly and safely taxiing then anchoring after landing, facilitating the passengers reach the airport and clearing customs and going through transfers, and allowing smoother passengers access in and out with the efforts. As the passengers need to stay in the terminals for some reasons, during the turnaround time the airports are required to offer Terminal Services with superior quality to meet their needs. The contents on Planning and Design of Airports include the planning of airway of the airside, flights、flight control and guidance system, the runway of the landside, the taxiway、apron、terminal building, internal and external traffic system, parking lot, cargo complex, airport maintenance, and logistics support.</p>										
實施方法	V 講解法 V 實作法 V 討論法 V 演習法 V 問答法 V 其他 <u>e-mail.</u>										
評量方式	期中測驗 30 % 期末測驗 30 % 平時成績 20 % 其他 <u>作業 3-5 與小考 3-5</u> 成績 20 %										
授課使用及 參考書籍	<p>(請按作者、書名、版別、出版商、發行地、出版年份、起訖頁數順序填寫)。</p> <p>1. 機場與航廈規劃設計(上、下冊), 馮鑑昌著, 詹氏書局, 2006 年 8 月初版。</p> <p>2. Planning and Design of Airport, 4e Robert Horonjeff and Francis X. Mckelvey, McGraw-Hill Book Company, 1993.</p> <p>3. Air Transportation-A Management Perspective, 4th Edition, Alexander T. Wells (1999), Wadsworth Publishing Company.</p>										
科目簡介(可含大綱及教學進度)：											

