

60

Kainan University
Department of Air Transportation
Spring Semester 2008 Year Course Syllabus

| Course Code No. | Course Title | Instructor | Subject | Level of Course |
|--|---|---|---|--------------------|
| 1270M1030 | Chinese: 機場專論 | Chin-Ho Lai | <input type="checkbox"/> required <input checked="" type="checkbox"/> elective | Year: 1 Class A |
| | English: Special Topic on Airport | e-mail: <u>ch_lai@mail.knu.edu.tw</u> phone ext: 6037 | Credits: 3 | |
| Teaching Goals and Content | This course covers airport concept, the airport system plan, the airport operations, the airport management and the airport development. The foundation idea and theory were introduced also. | | | |
| Teaching Methods | <input checked="" type="checkbox"/> lectures <input checked="" type="checkbox"/> practical training <input checked="" type="checkbox"/> discussion <input checked="" type="checkbox"/> question-and-answer <input type="checkbox"/> other (details _____) | | | |
| Grading and Evaluation Criteria | Midterm 30 % final 40 % class participation 30 % other _____ % (details _____) | | | |
| Textbooks | (author, title, edition, publisher, place of publication, year of publication, pages covered) (1) Alexander T. Wells, Ed. D., Airport Planning and Management, 4e, TAB BOOKS, 2000. (2) Ashford, N., Stanton, H. P. M., and Moore, C. A., Airport Operations, PITMAN Publishing, 1993. (3) Robert Horonjeff and Francis X., Mckelvey, Planning and Design of Airport, 4e, McGraw-Hill Book Company, 1993. (4) Anil Kapur, Airport Infrastructure – The Emerging Role of the Private Sector, World Bank Technical Paper no.313. | | | |

Course Description (including outline and course schedule):

1. The Airport-Airway System
2. The Airport System
3. Airport System Planning
4. Airport Requirements and Site Selection
5. Airport Layout and Land Use plans
6. Terminal Area and Airport Access Plan
7. Financial Planning
8. Airport Capacity and Delay
9. Airside Technological Improvements
10. Landside Technological Improvements
11. Financial Management
12. Organization and Administration
13. Airport operations
14. Airport Relations with Tenants and the Public

Instructions:

Teachers should fill out this form before the semester begins. After it has been verified by the curriculum committee, the original should be given to the office of curriculum planning and a copy to the head of the department to which the course belongs. In addition, the teacher should explain this syllabus to students at the beginning of a semester.

signature of the convener of the curriculum committee

空運系 尹相隆
主任

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signature of the teacher

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收文章