

開南大學 96 年度第 1 學期 資訊管理學系、所、中心科目教學計劃表

課程編號	2 2 1 0 M 0 0 2 0	<input type="checkbox"/> 必修 <input checked="" type="checkbox"/> 選修	授課教師：張芳仁 開課系所：資訊管理 年級班別：碩 2 年 A 班	老師 學系
班次	01			
	課程名稱(中文)	學分數	課程名稱(英文)	
	資訊投資決策分析	3	Decision Analysis for IS Capital Project	
教學目標 與內容	<p>課程目標：</p> <p>資訊科技投資在現今企業取得經營及競爭優勢上，佔有極重要的地位。本課程的目的在教導學生如何思考、整合及解決資訊科技投資在各行業的運用及所遭遇之問題。問題如硬體之購置、財務及會計等將會被深入討論。此課程中，學生會將學到如何將敏感度分析、機率、模擬、多因素分析等技術運用在科技設備、系統的投資案的決策流程。</p>			
實施方法	<input checked="" type="checkbox"/> 講解法 <input checked="" type="checkbox"/> 實作法 <input type="checkbox"/> 討論法 <input checked="" type="checkbox"/> 演習法 <input type="checkbox"/> 問答法 <input type="checkbox"/> 其他 _____			
評量方式	期中測驗 25% 期末測驗 25% 平時成績 <input type="checkbox"/> <input type="checkbox"/> % 其他 <u>期中、未報告</u> 成績 50%			
授課使用及 參考書籍	(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)。 教科書：The Selection Process for Capital Project; by Hans J. Lang & Donald N. Merino ;John Wiley & Sons Inc.; ISBN: 0-471-63425-5 參考書：工程經濟學 第 6 版，Leland T. Blank / Anthony J. Tarquin 著，方正中 譯，滄海書局 印行；ISBN: 986-157-271-6			
科目簡介(含課程大綱及教學進度)：				

✓

日期	堂數：課程內容	備註
09 / 12	Lecture 0: Class Intro	分組，報告順序抽籤
09 / 19	Lecture 01： Team Process	
09 / 26	Lecture 02： Business Case Process	
10 / 03	Lecture 03： RFP Process	IT 投資計劃案的來源
10 / 10	Holiday	
10 / 17	Lecture 04： Cost & Benefit Analysis	
10 / 24	Lecture 05： Sensitivity Analysis	
10 / 31	Midterm Presentation	
11 / 07	Midterm Test	期中考週
11 / 14	Lecture 06： Probability	
11 / 21	Lecture 07： Simulation	
11 / 28	Lecture 08: Simulation II	
12 / 05	Lecture 09: Uncertainty	
12 / 12	Lecture 10: Multi-attribute Analysis I	
12 / 19	Lecture 11: Multi-attribute Analysis I	
12 / 26	Lecture 12: AHP	
01 / 02	Final Test	
01 / 09	Final Presentation	期末考週

說明：

1. 授課教師於學期前填寫本表，經課程委員會審核後，影印分送給教師所屬課程委員會召集人，授課班級所屬系、所及教務處課務組；並於開始上課時，將本內容向學生說明。
2. 本表於 91.4.23 第四次校課程委員會討論通過。

課程委員會召集人：

資管系管子忠
主任管子忠(乙)

授課教師：

課務組郭惠姍
辦事員

課務組
96.9.13
收文章

洪若

Kainan University Department of Information ManagementSyllabus for Decision Analysis for IS Capital Project

Course Code No.	Course Title	Instructor	Subject	Level of Course	Credits	Hours per Week
21010020 01	Chinese: 資訊投資決策分析	Fang-Jen Chang	<input type="checkbox"/> Required <input checked="" type="checkbox"/> elective	Year: Master Class: A	3	3
	English: Decision Analysis for IS Capital Project	Course Prerequisites	N/A			
Teaching Goals and Content	This course provides the essential skill of decision analysis in capital project of information system. Course content includes: Cost & Benefit Analysis, Sensitivity Analysis, Probability, Simulation, and Multi-attribute Decision Analysis etc.,					
Teaching Methods	<input checked="" type="checkbox"/> lectures <input type="checkbox"/> practical training <input checked="" type="checkbox"/> discussion <input type="checkbox"/> question-and-answer <input checked="" type="checkbox"/> other (details <u>Case study</u>)					
Grading and Evaluation Criteria	midterm <u>25</u> % final <u>25</u> % class participation _____ % other <u>50</u> % (details <u>Term project presentation</u>)					
Textbooks	(author, title, edition, publisher, place of publication, year of publication, pages covered) Hans J. Lang & Donald N. Merino ;The Selection Process for Capital Project; John Wiley & Sons Inc.; Hoboken, New Jersey; 2003; ISBN: 0-471-63425-5					

Course Description (including outline and course schedule):

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Date	Lecture # and content	Note
09 / 21	Lecture 0: Class Intro	Team assemble
09 / 28	Lecture 1 : Strategy Management Review	
10 / 05	Lecture 2 : Team Process	
10 / 12	Lecture 3 : Business Case Process	Sources of IT capital projects
10 / 19	Lecture 4 : RFP Process	
10 / 26	Lecture 5 : Cost & Benefit Analysis	
11 / 02	Lecture 6 : Sensitivity Analysis	
11 / 09	Lecture 7 : Probability Part I	
11 / 16	Lecture 8 : Probability Part II	
11 / 23	Midterm presentation	Midterm week
11 / 30	Lecture 9 : Simulation	
12 / 07	Lecture 10: Simulation II	
12 / 14	Lecture 11: Uncertainty	
12 / 21	Lecture 12: Multi-attribute Analysis I	
12 / 28	Lecture 13: Multi-attribute Analysis I	
01 / 04	Lecture 14: AHP	
01 / 11	Team assessment and meeting	
01 / 18	Final presentation	Final exam week

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.
- This form was approved by the curriculum committee on April 23, 2002.

資管系管子中
主任管血心(乙)

Signature of the convener of the curriculum committee

signature of the teacher

課務組郭惠嫻
辦事員

課務組
96.9.13
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