開南管理學院 94 年度第 1 學期 企業管理 教學計劃表

科目代碼	科　目　名　稱	授課教師	修別	開課年級	學分數	每週時數
1210M3140	中文：決策系統	黃興錫(Hwang Heung Suk)	選	碩士班(日)	3	3
	英文：Decision Analysis System	先修課程	無			

教學目標與內容	To learn the decision support system and its application in decision analysis; - decision analysis for for management judgement, - multi-criteria decision analysis methods and application examples, - AHP and fuzzy-AHP mehod and its SW application, - integrated decision system and its SW practices, - risk and uncertainty analysis and its SW application, -practices of decisionanalysis systems problems
實施方法	講授 及 學生演習，討論
評量方式	期中考　30%, 期末考　40%, 報告及書面作業　20%, 平時出席 10%
授課使用及參考書籍	1. Decision analysis for management judgement(third edition), 2004, by Paul Goodwin & George Wright, John Wiely & Sons Ltd. (1) Multi-criterial decision making, The Analytic Hierarchy Process (AHP), 1996, Thomas L. Saaty,　British Lib. Cataloguing Publication. (2) Integrated　decision support system and SW appliation. 2004, Heung Suk Hwang, Guduc pub Ltd. (3) Research papers on decision support systems (Ref. and papers)

科目簡介(可含大綱及教學進度)：

1. Introduction to course outline and major area of lecture for Decision Support System, Ch 1,

2. How people make decisions involving multiple objectives, Ch 2,

3. Multi-criteria decision analysis and its application, Ch 3, Ref.

4.Three-step Integrated decision support system and SW application, Ch 6, 7, Ref.,

5. AHP and fuzzy-AHP and its application of SW, Ch 16, 17, Ref.,

6. AHP and fuzzy-AHP SW application, Ch 16, 17, Ref.,

7. A methodology for multiple criteria rank ordered priorities, and its SW application,

8. Mid term examination,

9. Structured risk analysis and uncertainty management, Risk analysis SW application, Ch 11, Ref.,

10. Structured risk analysis program, VERT, application, Ch 11, Ref.,

11.Decision support systems, DSS, Ch 14, Ref.,

12. Goup decision making, Ch 12, ref.,

13.Resource allocation and/or negotiation problem, Ch 13, Ref.,

14. Alternative decision-support systems, Ch 17, Ref.,

15. Decision support system practice 1: make or buy decision problem, Ref.,

16. Decision support system practice 2: manufacturing system decision problem, Ref.,

17. Review of key ideas,

18. Final Exam.

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：　　　　授課教師：　黃　興　錫

企管系李文雄
主任李文雄(乙)

課務組
94.10.21
收文章