

101-2 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	決策支援系統	Serial No. / ID	1564 / GEN5236
Dept.	工學院碩士在職專班	School System / Class	碩士在職專班1年1班
Lecturer	陳郁文	Full or Part-time	專任
Required / Credit	Optinal / 3	Graduate Class	No
Time / Place	(四)BCD / H503	Language	Chinese

Introduction
Since 1970, Scott Morton introduced the concept of MIS, DSS develops rapidly because of the IT progress of hardware and software. Any IT system that is able to solve the decision problem is defined as DSS. We expect to train every student having the ability to establish the simple DSS independently.

Outline
1. 決策模型回顧 (1) 2. 決策模型回顧 (2) 3. 資料庫系統-Excel, VBA and Lindo 4. 線上資料庫系統-My SQL 5. 地理資訊系統 ArcGIS 3.x 6. 資料探勘(1) 7. 期中報告 8. 資料探勘(2) 9. 演算法練習: 賽局與GA 10. 演算法練習: 類神經網路 11. 醫療個案探討: 救護車排程 12. 醫療個案探討: 後送指派 13. 期末報告

Prerequisite
Programming of VB, C or Java System Analysis