

# 99-1 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	高等演算法	Serial No. / ID	2210 / IFR5001
Dept.	資訊工程學系碩士班	School System / Class	研究所碩士班1年1班
Lecturer	洪春男	Full or Part-time	專任
Required / Credit	Optinal / 3	Graduate Class	No
Time / Place	(五)234 / H571	Language	Chinese

Introduction
To familiarize students with the techniques for designing algorithms. To introduce the advanced of data structure. To varify or prove the correctness of algorithms.

Outline
unit 1 Introductions unit 2 Advanced Data Structure unit 3 Graph Algorithms unit 4 NP-Completeness unit 5 other selected topics

Prerequisite
programming languages, data structures and algorithms, the basics of discrete mathematics