

102-1 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	圖形理論	Serial No. / ID	0915 / IFI3021
Dept.	資訊工程學系	School System / Class	大學日間部4年3班
Lecturer	洪春男	Full or Part-time	專任
Required / Credit	Optinal / 3	Graduate Class	Yes
Time / Place	(四)678 / H607	Language	Chinese

Introduction
The student should gain an understanding of the fundamental concepts of graph theory.

Outline
<ol style="list-style-type: none">1. Introduction to Graph Theory2. Basic Concepts in Graph Theory3. Trees and Forests4. Spanning Trees5. Fundamental Properties of Graphs and Digraphs6. Connectivity and Flow7. Planar Graphs8. Graph Coloring9. Independence, Dominance, and Matchings10. Graph Algorithms

Prerequisite
Discrete Mathematics and Algorithms