97-1 Preliminary Syllabus, Da-Yeh Univ

Information

Title		Serial No. / ID	0749 / IFI3021
Dept.		School System / Class	4 3
Lecturer		Full or Part-time	
Required / Credit	Optinal / 3	Graduate Class	Yes
Time / Place	( )567 / H607	Language	Chinese

Introduction

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

Outline

1. Introduction to Graph Theory
2. Basic Concepts in Graph Theory
3. Trees and Forests
4. Spanning Trees
5. Fundamental Properties of Graphs and Digraphs
6. Connectivity and Flow
7. Planar Graphs
8. Graph Coloring
9. Independence, Dominance, and Matchings
10. Graph Algorithms

Prerequisite

Discrete Mathematics and Algorithms