

97-2 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	離散數學	Serial No. / ID	0909 / IFI2002
Dept.	資訊工程學系	School System / Class	大學日間部1年2班
Lecturer	黃鈴玲	Full or Part-time	專任
Required / Credit	Required / 3	Graduate Class	NO
Time / Place	(一)7 / H563 (二)78 / H563	Language	Chinese

Introduction

To discipline students about mathematics, algorithms, logicals of computer sciences.

Outline

1. The Foundations: Logic and Proofs

2. Basic Structures: Sets, Functions, Sequences, and Sums

3. The Fundamentals: Algorithms, the Integers, and Matrices

4. Induction and Recursion

5. Counting

6. Advanced Counting Techniques

7. Relations

8. Graphs

Prerequisite

Basic Matrix Operations