

100-2 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	離散數學	Serial No. / ID	0712 / IFI2002
Dept.	資訊工程學系	School System / Class	大學日間部1年2班
Lecturer	施倫閔	Full or Part-time	專任
Required / Credit	Required / 3	Graduate Class	No
Time / Place	(五)34 / H563 (四)5 / 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