

# 101-2 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	離散數學	Serial No. / ID	0836 / IFI2002
Dept.	資訊工程學系	School System / Class	大學日間部1年1班
Lecturer	張世旭	Full or Part-time	專任
Required / Credit	Required / 3	Graduate Class	No
Time / Place	(一)2 / H562 (四)78 / H562	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