102-2 Preliminary Syllabus, Da-Yeh Univ

Information

Title		Serial No. / ID	0942 / IFI2002
Dept.		School System / Class	1 1
Lecturer		Full or Part-time	
Required / Credit	Required / 3	Graduate Class	No
Time / Place	( )678 / H563	Language	Chinese

Introduction

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

Outline

1. The Foundations: Logic and Proofs< br>
2. Basic Structures: Sets, Functions, Sequences, and Sums< br>
3. The Foundamentals: Algorithms, the Integers, and Matrices< br>
4. Induction and Recursion< br>
5. Counting< br>
6. Advanced Counting Techniques< br>
7. Relations< br>
8. Graphs

Prerequisite

Basic Matrix Operations