97-2 Preliminary Syllabus, Da-Yeh Univ

Information			
Title		Serial No. / ID	0943 / IFI4022
Dept.		School System / Class	3 3
Lecturer		Full or Part-time	
Required / Credit	Optinal / 3	Graduate Class	NO
Time / Place	( )56 / H571 ( )2 / H571	Language	Chinese

Introduction
1.To familiarize students with the foundations and principles of computer science 2.To teach material that is useful in subsequence courses 3.To strengthen students' ability to carry out formal and rigorous mathematical arguments

Outline
1.Introduction to the theory of computation 2. Finite automata, regular languages, and regular grammer 3. Context-free languages and pushdown automata 4. Turing machines

Prerequisite
high-level programming languages, basics of data structure and algorithms, discrete mathematics