

## 97-1 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	程式語言	Serial No. / ID	0739 / IF13057
Dept.	資訊工程學系	School System / Class	大學日間部3年2班
Lecturer	邱紹豐	Full or Part-time	專任
Required / Credit	Required / 3	Graduate Class	NO
Time / Place	(一)2 / H727 (二)56 / H727	Language	Chinese

### Introduction

This course emphasizes on the structure of programming language design. By understanding the basic theory, students will have a better understanding of the syntax and semantics of various languages. This course also establishes the foundation for advanced compiler courses.

### Outline

1. Syntax analysis and semantics analysis of programming languages
2. Naming, type checking and scopes
3. Control structures and sub-programs
4. Abstract data types
5. Exception handling

### Prerequisite

C++ or other related languages