

101-1 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	程式語言	Serial No. / ID	2627 / IFI3057
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	(二)234 / P401	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