

# 100-1 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	程式語言	Serial No. / ID	0808 / IFI3057
Dept.	資訊工程學系	School System / Class	大學日間部3年1班
Lecturer	邱紹豐	Full or Part-time	專任
Required / Credit	Required / 3	Graduate Class	No
Time / Place	(三)34 / P401 (四)2 / 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
<ol style="list-style-type: none"><li>1. Syntax analysis and semantics analysis of programming languages</li><li>2. Naming, type checking and scopes</li><li>3. Control structures and sub-programs</li><li>4. Abstract data types</li><li>5. Exception handling</li></ol>

Prerequisite
C++ or other related languages