

## 97-2 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	編譯器	Serial No. / ID	0931 / IF13058
Dept.	資訊工程學系	School System / Class	大學日間部3年3班
Lecturer	翁添雄	Full or Part-time	兼任
Required / Credit	Optinal / 3	Graduate Class	NO
Time / Place	(二)567 / H571	Language	Chinese

Introduction
The goal of this course is to provide the students with the basic concepts of compilers. The main topics include scanning, grammars, parsing, semantic processing, code generation, and optimization.

Outline
<ol style="list-style-type: none"><li>1. Introduction</li><li>2. Lexical Analysis</li><li>3. Context-Free Grammars and Parsing</li><li>4. Top-Down Parsing</li><li>5. Bottom-Up Parsing</li><li>6. Semantic Analysis</li><li>7. Run-time Environment</li><li>8. Code Generation</li></ol>

Prerequisite
C++ Programming, Data Structure, Computer Organization