

# 100-2 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	資料結構	Serial No. / ID	0973 / IMM2005
Dept.	資訊管理學系	School System / Class	大學日間部3年1班
Lecturer	曹偉駿	Full or Part-time	專任
Required / Credit	Required / 3	Graduate Class	No
Time / Place	(一)56 / B302 (二)2 / B302	Language	Chinese

Introduction
<ol style="list-style-type: none"><li>1. Use the technique of information management to design and practice systems</li><li>2. Use the theory to deduct some unknown facts</li><li>3. Be able to design and practice the project of improving the problems</li></ol>

Outline
<ol style="list-style-type: none"><li>1. Algorithm and Complexity Analysis</li><li>2. Linear List and Array</li><li>3. Stack and Queue</li><li>4. Linked List</li><li>5. Tree</li><li>6. Graph</li><li>7. Sorting</li><li>8. Heap and Search</li></ol>

Prerequisite
<ol style="list-style-type: none"><li>1. Induction to Computer Science</li><li>2. C Programming</li></ol>