

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

Information			
Title	CISCO網路實務(二)	Serial No. / ID	1334 / IFR5116
Dept.	資訊工程學系碩士班	School System / Class	研究所碩士班1年1班
Lecturer	黃培壘	Full or Part-time	專任
Required / Credit	Optinal / 3	Graduate Class	NO
Time / Place	(四)234 / H708	Language	Chinese

Introduction
<p>The course offers both online and classroom learning. It is designed for students with basic skills and offers a hands-on, to learning networking that emphasizes practical experience. Students learn to gather information and design a simple internetwork, design an IP addressing scheme.</p>

Outline
<ol style="list-style-type: none"><li>1、 Introduction to Classless Routing ,</li><li>2、 Single-Area OSPF</li><li>3、 EIGRP</li><li>4、 Switching Concepts</li><li>5、 Switches</li><li>6、 Switch Configuration</li><li>7、 Spanning Tree Protocol</li><li>8、 VLANs</li><li>9、 VTP</li><li>10、 wide area networks . WAN design</li><li>11、 PPP . ISDN</li><li>12、 Frame relay</li><li>13、 Skills to Configure internet working devices to operate the above protocols</li><li>14、 Skills to convert WAN specification into a complete design</li></ol>

Prerequisite
Introduction to Computer Networks