

# 101-1 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	CISCO網路實務(一)	Serial No. / ID	1423 / IFR5112
Dept.	資訊工程學系碩士班	School System / Class	研究所碩士班1年1班
Lecturer	黃培壩	Full or Part-time	專任
Required / Credit	Optinal / 3	Graduate Class	No
Time / Place	(一)567 / 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、 Networking Fundamentals</li><li>2、 Cabling LAN &amp; WAN</li><li>3、 Ethernet switching</li><li>4、 TCP/IP Protocol suite and IP addressing</li><li>5、 Routing Fundamentals and subnets</li><li>6、 WANs and Routers</li><li>7、 Configuring a Router</li><li>8、 Learning about Other Devices</li><li>9、 Routing and Routing Protocols</li><li>10、 Distance Vector Routing Protocols</li><li>11、 Access Control Lists (ACLs)</li></ol>

Prerequisite
Introduction to Computer Networks