

## WEB 110 Internet/ Web Fundamentals

Credit Hours	Lecture Hours	Lab Hours	Prerequisite or Corequisite
3	2	2	none

### CATALOG DESCRIPTION

This course introduces basic markup language, various navigational tools and services of the Internet. Topics include creating web pages, using Internet protocols, search engines, file compression; /decompression, FTP E-mail, listservers, and other related topics. Upon completion, students should be able to deploy a web-site created with basic markup language, retrieve/decompress files, e-mail, FTP and utilize other Internet tools.

The focus of this course is on Internet basics, e-mail applications, search engines, and business resources on the World Wide Web. Students will learn how to access business information and resources on the Internet using a Web browser as a general purpose Internet application. Students will gain experience configuring web browsers to access rich multimedia data and objects through plug-ins. Students will become skilled at using a variety of Web-based search engines to conduct advanced searches and learn the basics of electronic commerce and security issues

### REQUIRED RESOURCES

#### Textbook(s)

Internet Business Foundations: Academic Student Guide

#### Materials

Window XP, Internet Access, and Explorer 6 or higher.

#### Technology

none

### LEARNING OBJECTIVES

- 1 Define Information Technology (IT) job roles.
- 2 Define networks, the Internet, Internet connection methods, Internet protocols and the Domain Name System (DNS).
- 3 Identify the basic functions of Web browsers and the components of Web addresses.
- 4 Identify the use and control of cookies
- 5 Define and use multimedia and plug-ins
- 6 User browsers to download and manage files
- 7 Install and configure e-mail clients, use e-mail effectively, and identify e-mail problems and solutions.
- 8 Use the Internet for research

### COURSE DELIVERY METHODS

If this course is taught as an online, hybrid, or web enhanced course; the course will require access to the PCC Blackboard learning system via the Internet. Students are expected to login to the Blackboard course **AT LEAST 3 times per week**. Students are also expected to use the PCC Campus Cruiser web mail system to correspond with the instructor and **check email at least once**

**every 24 hours Monday – Friday.**

**COURSE SPECIFIC INFORMATION**

Course Project

Comprehensive Final Exam

**Complete syllabus** with due dates, attendance policies, and other information is provided by the instructor for the course.

*Last Updated July, 2007*