



Internet and Web Technologies

Coordinator

Dr. Sadiq M. Sait

Department of Computer Engineering
King Fahd University of Petroleum and
Minerals

Dhahran 31261, Saudi Arabia

Internet and Web Technologies

Short Course Offered by:

Department of Computer Engineering
King Fahd University of Petroleum
and Minerals
Dhahran, Saudi Arabia

Course Objectives

- In this course, you will learn about
 - » Some Internet basics and services
 - » World Wide Web (WWW)
 - . Web browsers, HTML
 - . Web authoring tools (Frontpage98)
 - . Web Database integration
 - . Electronic Commerce
 - . Web Security
 - . And other related material

Course Content

- 1 Introduction
- 2 Internet Services
- 3 Intro to HTML and WWW
- 4 Web Authoring
- 5 Web Servers
- 6 DataBase Connectivity
- 7 Electronic Commerce
- 8 Web Security
- 9 Conclusion and Evaluation

Logistics

- Refreshments
- Restaurants
- Rest rooms
- Prayer facilities
- Parking (pass provided)
- Messages/Phone
- Security
- Other items

Computer Engineering

- » Computer Engineering (COE) is the discipline concerned with the design, analysis, modeling and implementation of **Computers and Networks systems**. Both the software and the hardware aspects of these systems are studied in a balanced and coherent manner. The COE program at KFUPM provides a comprehensive coverage of a wide range of COE subjects including hardware design, computer networks and data communications, computer architecture and operating systems, microprocessor-based systems, computer programming languages and software.

Goals

- Graduate students in Computer Engineering.
- Provide engineers who are capable of coping with a rapidly growing computer technology.
- Conduct research activities that will enhance the country's industry, and broaden the scope and ability of faculty members.
- Provide necessary channels for transferring computer engineering technology into country.
- Adapt new and appropriate technologies for the country's need.

COE Disciplines

- **Computer Networks** and Data Communications
- Computer Architecture and Design
- Digital Design Automation
- Computer Based Systems
- Testability and Fault Tolerance

COE Tracks

- The new curriculum has three tracks for students to concentrate. The tracks are:
 - » Software
 - » **Computer Networks**
 - » Computer Systems

Laboratory Facilities

- » Computer Networking and Data Communications Laboratory
- » Logic Design Laboratory
- » Microprocessors Laboratory
- » Design Automation Research Laboratory
- » Printed Circuit Boards Manufacturing Center
- » PC Laboratory
- » Computer Graphics Center
- » Digital Systems Design Laboratory
- » And Others...

Community Services

- Seminars
- Computer Exhibition
- **Short Courses**
 - » Personal Computers
 - » Computer Networks
 - » Internet services and applications
 - » Mobile Networks
 - » PC Hardware and Maintenance
 - » **Internet and Web Technologies**
 - » etc..