

# E-Commerce

**Coordinator**

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# E-Commerce

Short Course Offered by:

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

# Objectives (what you will learn)

- » E-Business Building Blocks, models, and Protocols
- » Customer Relations, Supply Chain Management, eProcurement
- » Enterprise Resource Planning, Enterprise Portals, M-Commerce
- » Planning and Implementing eBusiness Projects
- » E-Basics, E-Trading, Some Internet and WWW Technologies
- » eCommerce Development Platform
- » Database Connectivity (Lab)
- » Portal Design Methodologies and Technologies (Demo, Lab)
- » Networking Fundamentals & TCP/IP
- » eCommerce Networking Infrastructure
- » JustAddCommerce (Lab Demo)
- » eCommerce Security Aspects

# 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
  - » **E-Commerce**
  - » PC Hardware and Maintenance
  - » WWW Development
  - » etc..

# Instructors

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