



Al-Imam Muhammad Ibn Saud Islamic University
College of Computer and Information Sciences

Information Technology

Course Syllabus [IT Systems]

<i>Course Code</i>	<i>Course Name.</i>	<i>Credit Hours</i>	<i>Lec.</i>	<i>Lab</i>	<i>Prerequisites</i>
<i>IT 281</i>	<i>IT Systems</i>	<i>4</i>	<i>3</i>	<i>2</i>	<i>IT 280 IT Fundamentals</i>

Course Description:

This course provides an introduction to systems and development concepts, information technology and application software. It identifies the basic types of business information technology systems. It defines the competitive advantages, types of roles, functions, and careers available in IT industry. This course provides an introduction to application software as well. It explains how information is used in organizations and how IT enables improvement in quality, and competitive advantage. Finally this course is an introduction to the basic components of IT systems, including networking, web systems, databases, scripting, system administration, maintenance and system integration.

Course Topics:

Week	Tentative Schedule
Week 01	Introduction to Information Technology
Week 02	Operating Systems Architecture & Organization
Week 03	Operating Systems Architecture & Organization
Week 04	Files, Directories, and the File System
Week 05	Files, Directories, and the File System
Week 06	Networking concepts
Week 07	+ Mid-term exam
Week 08	Information Architecture
Week 09	Information Architecture
Week 10	Database concepts
Week 11	Database concepts
Week 12	Web Systems & Internet technologies
Week 13	Web Systems & Internet technologies
Week 14	Digital media
Week 15	Digital media
Week 16	[Final Exam]

Textbook and Resources:

Main Textbook:

- Information Technology: An Introduction for Today's Digital World February 8, 2013 by Chapman and Hall/CRC, Author(s): Richard Fox.

Other Resources

- Guide to Creating Website Information Architecture and Content
- Office of Communications, Princeton University | 2008 | Version 2.2

Project and Assignments

- A group project will be assign to the students. This project will implement a web base IT system.

Grade Distribution

Quizzes	10 %
Midterm Exam	20 %
Assignments	10 %
Lab contribution and Exams	20 %
Final Exam	40 %