



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

**Information Technology**

**Course Syllabus [IT Fundamentals]**

<i>Course Code</i>	<i>Course Name.</i>	<i>Credit Hours</i>	<i>Lec.</i>	<i>Lab</i>	<i>Prerequisites</i>
<i>IT 280</i>	<i>IT Fundamentals</i>	<i>3</i>	<i>3</i>	<i>0</i>	<i>None</i>

**Course Description:**

This course is intended to be at the introductory level and to provide foundation skills for subsequent courses. It provides an overview of the discipline of IT, describes how it relates to other computing disciplines, and begins to install an IT mindset. The goal is to help students understand the diverse contexts in which IT is used and the challenges inherent in the diffusion of innovative technology.

**Course Topics:**

<b>Week</b>	<b>Tentative Schedule</b>
Week 01	Concepts of IT (Personal PC, hardware, software, and applications)
Week 02	History of Information Technology
Week 03	Data versus Information
Week 04	Technology versus Science
Week 05	IT Products and Services
Week 06	Modern IT Technologies
Week 07	+ <b>Mid-term exam</b>
Week 08	Internet and Web System
Week 09	History of the Internet
Week 10	IT Professional Ethics
	Information Security
Week 12	+ <b>Mid-term exam</b>
Week 13	IT Career Opportunities
Week 14	
Week 15	
Week 16	<b>[Final Exam]</b>

## **Textbook and Resources:**

### **Main Textbook:**

- Fluency 4 with Information Technology: Skills, Concepts, & Capabilities by Lawrence Snyder  
Publisher: Prentice Hall Copyright year: © 2011 Pages: 816 ISBN-10: 0136091822.

### **Other Resources**

- New Perspectives Computer Concepts 2010 Comprehensive, Parsons & Oja, ISBN 978-0-324-78084-0.

## **Project and Assignments**

- A group project will be assign to the students. This project will implement the modern IT technique.

## **Grade Distribution**

Quizzes	10 %
Midterm Exam 1	20 %
Assignments	10 %
Lab contribution and Exams	20 %
Final Exam	40 %