



King Saud University
College of Computer and Information Sciences
Department of Information Systems

Course: IS 240 – IS Analysis and Design

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Course Objectives

- ✓ To present the fundamental concepts and methods of systems analysis and design.
- ✓ To describe the systems development life cycle (SDLC).
- ✓ To exercise analysis and design tools and techniques.
- ✓ To evaluate case studies of systems analysis and design.

Textbook: John W. Satzinger, Robert B. Jackson, and Stephen D. Burd, *Introduction to Systems Analysis and Design, 6th Edition*. Cengage Learning, 2012, ISBN-13: 978-111-97226-4

Course Schedule

Week Number	Topic
1	Course Introduction
2	Chapter 1: From beginning to end: An Overview of Systems Analysis and Design
3	Chapter 2: Investigating System Requirements
4	Chapter 3: Use Cases
5	Chapter 4: Domain Modeling
6	Chapter 5: Extending the Requirements Models
7	Review + Mid Term 1 Exam
8	Chapter 6: Essential of Design and the Design Activities
9	Chapter 7: Designing the User and System Interfaces
10	Chapter 7: Designing the User and System Interfaces (Cont.)
11	Chapter 8: Approaches to System Development
12	Chapter 8: Approaches to System Development (cont.)
13	Review + Mid Term 2 Exam
14	Chapter 10: Object Oriented Design: Principles
15	Chapter 11: Object-Oriented Design: Use Case Realizations
16	Review

Assessment Methods

Assignments & Quizzes	10%
Course Project	20%
Mid-Term 1 Exam	15%
Mid-Term 2 Exam	15%
Final Exam	40%
Total	100%