System Analysis and Design
Syllabus
2024-2025 Fall

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Course Description

In this course, key foundations and fundamentals of System Analysis and Design will be introduced. An overview of System Analysis and Design topics in literature will be given.

Recommended Readings

System Analysis And Design, ALAN DENNIS, BARBARA HALEY WIXOM, ROBERTA M. ROTH, John Wiley & Sons, Inc.

Lecture Contents

Week 1-	THE SYSTEMS ANALYST AND INFORMATION SYSTEMS DEVELOPMENT
Week 2-	PROJECT SELECTION AND MANAGEMENT
Week 3-	REQUIREMENTS DETERMINATION
Week 4-	USE CASE ANALYSIS
Week 5-	PROCESS MODELING
Week 6-	DATA MODELING
Week 7-	Midterm
Week 8-	Midterm
Week 9-	MOVING INTO DESIGN
Week 10-	ARCHITECTURE DESIGN
Week 11-	USER INTERFACE DESIGN
Week 12-	PROGRAM DESIGN
Week 13-	DATA STORAGE DESIGN
Week 14-	MOVING INTO IMPLEMENTATION
Week 15-	TRANSITION TO THE NEW SYSTEM THE MOVEMENT TO OBJECTS

Week 16-	Final Exam
Week 17	Final exam

Grading Policy

Midterm:	%40
Final:	% 60

Wish all of you a successful, happy and healthy academic year.

Please send your questions and suggestions to my e-mail.