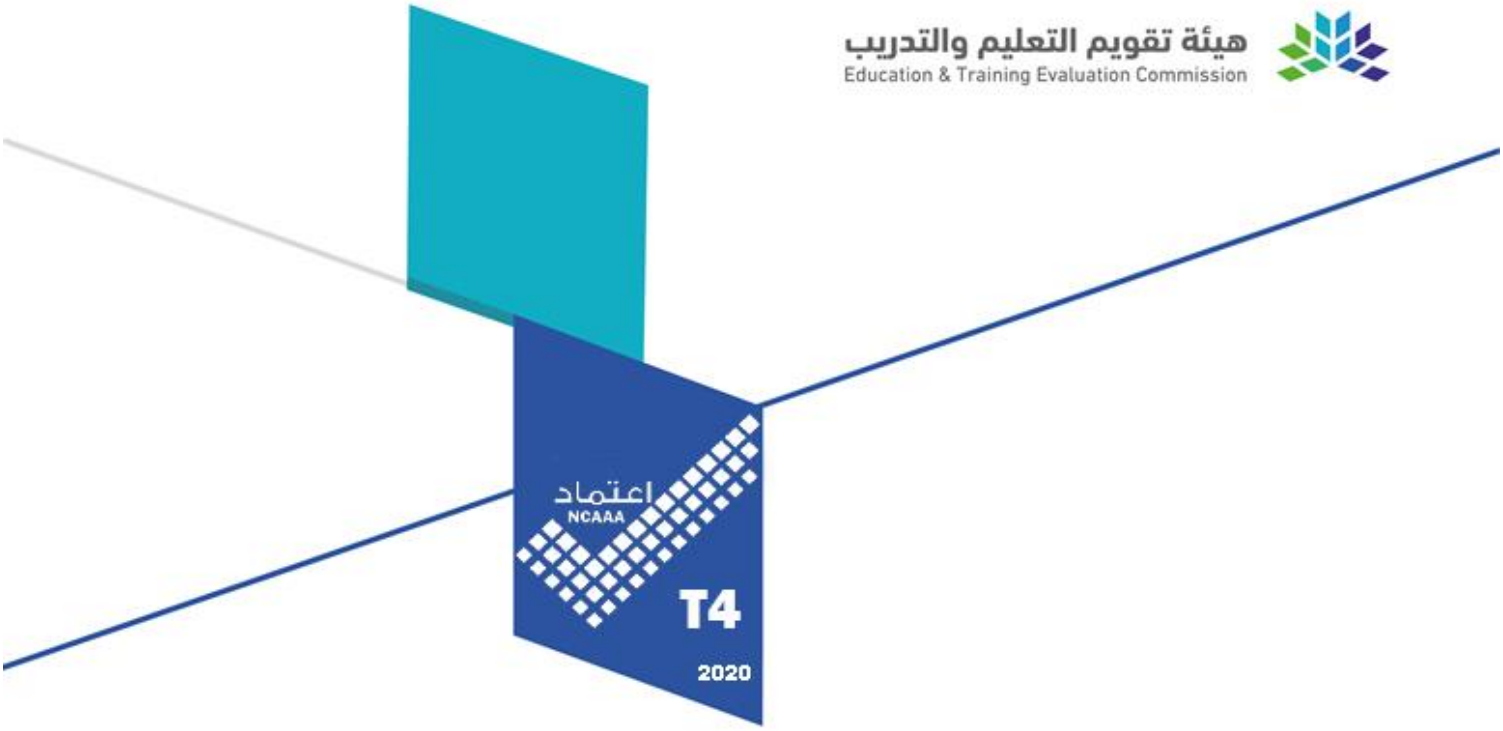
هيئة تقويم التعليم والتدريب
Education & Training Evaluation Commission



Course Specifications

Course Title:	**Systems Analysis and Design 1**
Course Code:	**MIS10601**
Program:	**Management Information Systems**
Department:	**Management Information Systems**
College:	**College of Business Administration**
Institution:	**Albaha university**

Table of Contents

A. Course Identification

1. Credit hours: 3h
2. Course type **a.** University [ ] College [ ] Department [*] Others [ ] **b.** Required [*] Elective [ ]
3. Level/year at which this course is offered: 6th level / 3th year
4. Pre-requisites for this course (if any)**:**
5. Co-requisites for this course (if any)**:**

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional classroom**	30	%67
2	**Blended**		
3	**E-learning**	15	%33
4	**Distance learning**		
5	**Other**		

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	30
2	**Laboratory/Studio**	-
3	**Tutorial**	15
4	**Others** (specify)	-
	Total	45

B. Course Objectives and Learning Outcomes

1. Course Description

This course introduces students to the principles and foundations of Systems Analysis and Design. It focuses on the importance of systems analysis and design and the different roles of a systems analyst during the Systems Development Life Cycle process with an emphasis on different information gathering techniques that can be employed by an analyst. The course also introduces students to different systems development approaches and the essential concepts of project management in a systems analysis and design project.

2. Course Main Objective

Develop student's knowledge and skills in the different approaches used in analyzing and developing new information systems.

In order to enhance the students' experience and productivity and help them develop a wide spectrum of practical skills and knowledge in analyzing and developing new systems using different methodologies, the course should emphasize on practical exercises that help students apply the different concepts and skills they learned.

3. Course Learning Outcomes

CLOs		Aligned PLOs
1	**Knowledge and Understanding**	
1.1	Explain the need for systems analysis and design in organizations.	K1
1.2	Memorize the fundamentals of different development methodologies.	K2
2	**Skills :**	
2.1	Depict systems graphically.	S1
2.2	Create a professional and effective system proposal.	S2
2.3	Compare different practices employed in the systems analysis and design process	S3
2.4	Demonstrate effectiveness in working in a group	S5
3	**Values:**	
3.2	Develop time management skills	V1

C. Course Content

No	List of Topics	Contact Hours
1	Systems and System Analyst Roles	3
2	Development Methodologies	3
3	Organizations as a Model	3
4	Depicting Systems Graphically	3
5	Use Case Modeling	3
6	Project Management from Initiation to Proposal	9
7	Information Gathering: Interactive Methods – Interviewing and Stories	3
8	Information Gathering: Interactive Methods – JAD and Questionnaires	3
9	Information Gathering: Unobtrusive Methods – Sampling and Investigation	3
10	Information Gathering: Unobtrusive Methods – Observations	3
11	Prototyping	3
12	Agile Modeling	3
13	Comparing Agile Modeling and Structured Methods	3
Total		**45**

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
1.0	**Knowledge and Understanding**		
1.1	Explain the need for systems analysis and design in organizations.	• Lectures • Case Study Analysis	• Discussions • Assignments • Mid & Final Exams
1.2	Memorize the fundamentals of different development methodologies.		
2.0	**Skills**		
2.1	Depict systems graphically.	• Practical Exercises • Group Discussions	• Discussions • Assignments • Quiz , Mid & Final Exams
2.2	Create a professional and effective system proposal.		
2.3	Compare different practices employed in the systems analysis and design process		
2.4	Demonstrate effectiveness in working in a group	Group Work & Group Discussions	Observation Class Participation Group Assignments

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
3.0	**Values**		
3.1	Demonstrate effectiveness in working in a group	Lectures	• Assessment of group project. • Evaluating individual and group tasks and presentations.
3.2	Develop time management skills		

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Quizzes	1-14	10 %
2	Presentations	1-14	5 %
3	Assignments & Discussions	1-14	5 %
4	Mid Term Examination	8-9	30 %
5	Final Examination	15-16	50 %

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice :

- Faculty is available for student consultation and academic advice on weekdays during office hours (9 hours a week).
- Students can seek advice and consultation from teaching staff through electronic means (email and Rafid LMS).
- For any additional assistance, an appointment can be arranged between the student and teaching staff

F. Learning Resources and Facilities

1. Learning Resources

Required Textbooks	Kendall, K. E. and Kendall, J. E. (2014). Systems Analysis and Design, Global Edition. 9th ed. Pearson Education Limited, p.552. ISBN-13: 9780273787105 ISBN-10: 0273787101 URL: http://catalogue.pearsoned.co.uk/educator/product/Systems-Analysis-and-Design-GlobalEdition-9E/9780273787105.page
Essential References Materials	(Journals, Reports, etc.)
Electronic Materials	Web Sites, Facebook, Twitter, etc.
Other Learning Materials	such as computer-based programs/CD, • professional standards or regulations and software. • Access to business and information systems top journals is essential to provide students with real world business case studies in the field • Microsoft Office 365 Web browser

2. Facilities Required

Item	Resources
Accommodation (Classrooms, laboratories, demonstration rooms/labs, etc.)	A designated computer lab is required to teach the course. The lab should accommodate 25-30 students
Technology Resources (AV, data show, Smart Board, software, etc.)	• Up-to-date Projector • Up-to-date Smart Board • High Speed Internet Connection • Solid up-to-date computers (Windows)
Other Resources (Specify, e.g. if specific laboratory equipment is required, list requirements or attach a list)	Lab must be fitted with a wall whiteboard (not portable)

G. Course Quality Evaluation

Evaluation Areas/Issues	Evaluators	Evaluation Methods
Strategies for Obtaining Student Feedback on Effectiveness of Teaching • Course Evaluation Surveys • Students-Faculty Meetings Students Assessment of Faculty Members Survey	Students	Direct
Other Strategies for Evaluation of Teaching by the Instructor or by the Department • Discussions between staff members teaching the course • Internal review of the course at a departmental level External reviewers	Faculty	Direct
Processes for Improvement of Teaching • Course evaluation reports • Student assessment of faculty reports Faculty's on-going training through self/department/faculty and/or University initiated workshops and development programs	Faculty	Direct
Processes for Verifying Standards of Student Achievement Marking of assignments and exam submissions are revised by independent teaching staff from within the department and/or other departments within the college	Students	Indirect
Describe the planning arrangements for periodically reviewing course effectiveness and planning for improvement. A course report is developed and reviewed periodically at the end of the semester. The report includes exam results, assignments results and surveys feedback from students, which will reflect course and teaching effectiveness.	Program Leaders	Direct

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)
Assessment Methods (Direct, Indirect)

H. Specification Approval Data

Council / Committee	Minutes of the Council of Management Information Systems Department
Reference No.	3
Date	8.12.2021