Course Specification

— (Bachelor)

Course Title: Selected Topics in Information Systems 2

Course Code: 539 CIS-3

Program: Bachelor of Information Systems

Department: Information Systems

College: Computer Science and Information Systems

Institution: Najran University

Version: 1

Last Revision Date: 15/2/2025

Table of Contents

A. General information about the course:

1. Course Identification

1. Credit hours: (………)
3(3,0,0)

2. Course type

A.	☐University	☐College	☒ Department	☐Track	Others
B.	☒ Required			☐Elective	

3. Level/year at which this course is offered: (Level 13/5 year)

4. Course General Description:

This course presents specific novel topics, concepts, problems, or emerging technologies in the information systems field. This course will be guided by its instructor. The topics are selected by the instructor of the course based on his knowledge of the latest developments in information systems science along with the previous courses taken by the students. The course instructor may distribute the topics to the students so that each student will study in depth a different topic. Then the student should discuss the concepts that he learned with his classmates under the supervision of the instructor of the course.

5. Pre-requirements for this course (if any)**:**

NA

6. Co-requisites for this course (if any)**:**

NA

7. Course Main Objective(s):

To introduce and deeply explain some subjects which have not been demonstrated in previous semesters, and have the ability to explore more beyond the subject.

2. Teaching mode (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	Traditional classroom	40	100%
2	E-learning		
3	Hybrid		

No	Mode of Instruction	Contact Hours	Percentage
	• Traditional classroom • E-learning		
4	Distance learning		

3. Contact Hours (based on the academic semester)

No	Activity	Contact Hours
1.	**Lectures**	40
2.	**Laboratory/Studio**	
3.	**Field**	
4.	**Tutorial**	
5.	**Others (specify)**	
Total		40

B. Course Learning Outcomes (CLOs), Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Code of PLOs aligned with the program	Teaching Strategies	Assessment Methods
1.0	**Knowledge and understanding**			
1.1	Describe concepts and components of modern topics presented	K2	Lecture	Tests, Quizzes, Assignments, case studies, and/or projects.
1.2	Recognize the mechanism of work, systems and ideas of the topics of the course.	K2	Lecture	Tests, Quizzes, Assignments, case studies, and/or projects.
…				
2.0	**Skills**			
2.1	Use methodology and solutions to the problems of the topics presented	K1, S4	Lecture	Tests, Quizzes, Assignments, case studies, and/or projects.

Code	Course Learning Outcomes	Code of PLOs aligned with the program	Teaching Strategies	Assessment Methods
2.2	Build the skills of quantitative and logical analysis of scientific and practical issues in the subjects presented	S2	Lecture	Tests, Quizzes, Assignments, case studies, and/or projects.
...				
3.0	**Values, autonomy, and responsibility**			
3.1	Develop leadership and teamwork skills in the implementation of the topics presented.	C1	Lecture	Tests, Quizzes, Assignments, case studies, projects, and/or presentations
3.2	Appraise the self-learning and judgement skills regarding professional behavior and immoral practices.	C3	Lecture	Tests, Quizzes, Assignments, case studies, projects, and/or presentations
...				

C. Course Content

No	List of Topics	Contact Hours
1.	To be determined by the course instructor each semester	40
2.		

Total		

D. Students Assessment Activities

No	Assessment Activities *	Assessment timing (in week no)	Percentage of Total Assessment Score
1.	Assignments	3, 6, 9	10%
2.	Quizzes	4, 7, 8	10%

No	Assessment Activities *	Assessment timing (in week no)	Percentage of Total Assessment Score
3.	Midterm Exam	5	30%
4.	Group project and presentation	10	10%
5.	Final Exam	11-12	40%

*Assessment Activities (i.e., Written test, oral test, oral presentation, group project, essay, etc.).

E. Learning Resources and Facilities

1. References and Learning Resources

Essential References	To be determined by the instructor
Supportive References	To be determined by the instructor
Electronic Materials	To be determined by the instructor
Other Learning Materials	To be determined by the instructor

2. Required Facilities and equipment

Items	Resources
facilities (Classrooms, laboratories, exhibition rooms, simulation rooms, etc.)	Classroom, and the instructor may ask for laboratory if needed.
Technology equipment (projector, smart board, software)	Data show, and the instructor may ask for software if needed.
Other equipment (depending on the nature of the specialty)	

F. Assessment of Course Quality

Assessment Areas/Issues	Assessor	Assessment Methods
Effectiveness of teaching	Instructor	Direct
Effectiveness of Students assessment	Instructor	Direct
Quality of learning resources	Instructor, program leader, and department council	Direct
The extent to which CLOs have been achieved	Instructor	Direct
Other		

Assessors (Students, Faculty, Program Leaders, Peer Reviewers, Others (specify)

Assessment Methods (Direct, Indirect)

G. Specification Approval

COUNCIL /COMMITTEE	17th Department Council
REFERENCE NO.	14460810-0976-00017
DATE	10/02/2025