



Course Specifications

Course Title:	Information Systems Management
Course Code:	CSI 446
Program:	Computer Science and Information Technology
Department:	Computer Science and Information
College:	College of Science in Zulfi
Institution:	Majmaah University

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A. Course Identification

1. Credit hours: 3
2. Course type
a. University <input type="checkbox"/> College <input type="checkbox"/> Department <input checked="" type="checkbox"/> Others <input type="checkbox"/>
b. Required <input type="checkbox"/> Elective <input checked="" type="checkbox"/>
3. Level/year at which this course is offered: Level 7
4. Pre-requisites for this course (if any): CSI 314
5. Co-requisites for this course (if any): N/A

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	Traditional classroom	44	80 %
2	Blended	6	10 %
3	E-learning	0	0
4	Distance learning	0	0
5	Other	6	10 %

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	Lecture	30
2	Laboratory/Studio	30
3	Tutorial	-
4	Others (specify)	-
	Total	60

B. Course Objectives and Learning Outcomes

1. Course Description

This course aims to develop the students' ability to plan, analyze, design, implement, validate, and maintain computerized information systems using software processes. Specifically, the course will: Develop the students' skills of selecting a suitable process model (for better project management and better quality software) for a specific software project, introduce frameworks and quality standards for software development and management, highlight and integrate new process models for new environments, and introduce software metrics for better quality management. The purpose of this course is to help students to:

- understand information systems and their uses,
- use computerized management information systems,
- do in-depth analysis and decision making,
- apply modern project management techniques,
- be aware security issues related to information systems, and
- enable students to be efficient in their work.

2. Course Main Objective

1. Increasing the ability of the students to implement the methods and practices that are presented in the course.
2. Formative exams during the term with a feedback to the students, so these examinations can be used as a method of learning.
3. Using group discussion through the internet with course attending students.
4. Updating the materials of the course to cover the new topics of the field.
5. Help students to develop their knowledge about the topics that are presented in the course.

3. Course Learning Outcomes

CLOs		Aligned PLOs
1	Knowledge and Understanding	
1.1	Understand of best practices and standards and their applications that related to the management of information systems.	a1
2	Skills :	
2.1	Integrate into business situations and analysis, and evaluate both theory and practice relevant to Management information systems.	b3
2.2	Implement new or replacement management information systems through understanding and evaluating how resistance to change can affect MIS implementation.	b3
3	Values:	
3.1	Adhere professional, ethical, legal, security, and social issues and their responsibilities that related to the management of information systems.	c1
3.2	Analyze the local and global impact of information systems management on individuals, organization, and society, and use current techniques, skills, and tools necessary for information systems management practice.	c1

C. Course Content

No	List of Topics	Contact Hours
1	Introduction	8



2	Planning and analysis	12
3	Selecting process models	8
4	Information system life cycle	12
5	Standards	8
...	Ne process models	12
Total		

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	Understand of best practices and standards and their applications that related to the management of information systems.	Direct Teaching: Lectures, PowerPoint slides and discussion. Aimed Teaching Discovery and Oral Questions.	- Homework tasks - Quiz - Midterms - Final Exam - E-learning - Internet search - Oral Exam
2.0	Skills		
2.1	Integrate into business situations and analysis, and evaluate both theory and practice relevant to Management information systems.	Indirect Teaching: Brainstorming - Free Discovery – Inquiry	- Lab Exercises - Lab Exam - Oral Exam - Presentations
2.2	Implement new or replacement management information systems through understanding and evaluating how resistance to change can affect MIS implementation.		
2.3	Integrate IT-based solutions into the user environment effectively.		
3.0	Values		
3.1	Adhere professional, ethical, legal, security, and social issues and their responsibilities that related to the management of information systems.	Course Project: (Work group) critical thinking and ability to seek solutions.	Introduce group project and case study approaches to enable students to have an experience in problem solving situations.
3.2	Analyze the local and global impact of information systems management on individuals, organization, and society, and use current techniques, skills, and tools necessary for information systems management practice.		
...			

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Homework 1	2	2%
2	QUIZ 1	3	5%
3	Homework 2	4	2%

#	Assessment task*	Week Due	Percentage of Total Assessment Score
4	QUIZ 2	5	5%
5	Midterm 1	6	10%
6	Homework 3	7	2%
7	QUIZ 3	8	5%
8	Homework 4	9	2%
9	QUIZ 4	10	5%
10	Midterm 2	11	10%
11	Lab Exam/ Project Evaluation	14	12%
12	Final Exam	16	40%

*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 :

- Determine meeting appointments for the weak' students to solve their problems and give them academic advices.
- One office hour daily
- Dealing a workshops.
- Motivate students

F. Learning Resources and Facilities

1. Learning Resources

Required Textbooks	Carol V. Brown , Managing Information Systems , 7th ed., 2011.
Essential References Materials	<ul style="list-style-type: none"> • Barbara McNurlin , Ralph Sprague , and Tung Bui , Information Systems Management, 8th ed., 2008. • Paul Bocij, Dave Chaffey, Andrew Greasley, Business Information Systems: Technology, Development & Management for the E-Business, 3rd ed., Prentice-Hall Pearson, 2006.
Electronic Materials	<ul style="list-style-type: none"> • http://nptel.ac.in/courses.php?branch=Comp • https://www.coursera.org/
Other Learning Materials	Video and presentations that available with the instructor.

2. Facilities Required

Item	Resources
Accommodation (Classrooms, laboratories, demonstration rooms/labs, etc.)	Classroom - Laboratory

Item	Resources
Technology Resources (AV, data show, Smart Board, software, etc.)	Data show – Smart Board
Other Resources (Specify, e.g. if specific laboratory equipment is required, list requirements or attach a list)	

G. Course Quality Evaluation

Evaluation Areas/Issues	Evaluators	Evaluation Methods
1. Questionnaires (course evaluation) filled by the students and acquired electronically by the University	Students	Indirect Assessment
2. Students-faculty management meetings		
3. Midterms and Final Exam	Course Coordinator Staff	Direct Assessment
4. Project Evaluation		
5. Departmental internal review of the course.	Reviewer Committee	Final Exam Evaluation
6. Course Portfolio	External Reviewer	Course Evaluation

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	
Reference No.	
Date	

