هيئة تقويم التعليم والتدريب
Education & Training Evaluation Commission

Course Specifications

Course Title:	**Knowledge Management**
Course Code:	**MIS10506**
Program:	**Management Information Systems**
Department:	**Management Information Systems**
College:	**Business Administration**
Institution:	**Albaha University**

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A. Course Identification

1. Credit hours: **3 Hrs.**
2. Course type **a.** University ☐ College ☐ Department ☒ Others ☐ **b.** Required ☐ Elective ☒
3. Level/year at which this course is offered: Level 5 / Year 3
4. Pre-requisites for this course (if any)**:** N/A
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**	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

In this course students will understand how to exploit systems to offer support to modern knowledge workers, in particular with respect to the rapidly increasing overload of knowledge and information that is available and necessary to stay competitive for many tasks. This includes support for traditional Knowledge Management tasks, such as the grouping of related documents into categories or hierarchies, the generation of dictionaries and ontologies, or the construction of knowledge networks through references and citations

2. Course Main Objective

The main purpose of this course is giving students a solid foundation covering the major problems, challenges, concepts, and techniques dealing with the organization and management of knowledge with the help of computers

3. Course Learning Outcomes

CLOs		Aligned PLOs
1	**Knowledge and Understanding**	
1.1	Recall concepts, instances, and attributes.	K2
1.2	Describe nature of technology innovation and related strategies for organizations.	K3
2	**Skills :**	
2.1	Ability to design best technological strategies that obtain the organization needs	S1
2.2	Ability to appraise rules involving relations, instance-based classification.	S2
2.3	Work in a group and learn time management.	S5
3	**Values:**	
3.2	Develop competency in IT planning.	V2

C. Course Content

No	List of Topics	Contact Hours
1	Overview of Knowledge The Nature of Knowledge Knowledge Management Solutions	6
2	Organizational Impacts of Knowledge Management Factors Influencing Knowledge Management Knowledge Management Assessment of an Organization	6
3	Technologies to Manage Knowledge: Artificial Intelligence, Digital Libraries, Repositories, etc. Preserving and Applying Human Expertise: Knowledge-Based Systems	6
4	Using Past History Explicitly as Knowledge: Case-Based Systems Knowledge Elicitation: Converting Tacit Knowledge to Explicit	6
5	Discovering New Knowledge: Data Mining	6
6	Text KM & Text Mining	6
7	Knowledge Discovery: Systems that Create Knowledge Knowledge Capture Systems: Systems that Preserve and Formalize Knowledge; Concept Maps, Process Modeling, RSS, Wikis, Delphi Method, etc.	6
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	Recognize problems that may be solved using knowledge management and data mining.	- Lectures. - Lab exercise - Discussions - Problem	- Midterm - Quizzes - Assignments - Discussion
1.2	Recall knowledge management concepts.		

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
		solving	evaluations.
…			
2.0	**Skills**		
2.1	analyze problems in knowledge management.	- Lectures - Lab exercise - Discussions - Problem solving	- Midterm - Quizzes - Assignments Discussion evaluations.
2.2	ability to create text mining experiments		
2.3	Work in a group and learn time management.		
3.0	**Values**		
3.2	Develop competency in Text mining tools.		

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Quiz	4	10%
2	Midterm	7	30%
3	Assignments	1-12	5 %
4	Project	10	5 %
5	Final Exam	17	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 :

Instructor will be available for student consultation and academic advice on weekdays during their office hours. Additional assistance by appointment only. (9 hours per week)

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Irma Becerra-Fernandez, Avelino Gonzalez, Rajiv Sabherwal (2004). Knowledge Management Challenges, Solutions, and Technologies. Prentice Hall. ISBN: 0-13-109931-0.
Essential References Materials	The Knowledge Evolution: Expanding Organizational Intelligence by Verna Allee Case Studies in Knowledge Management by Murray E. Jennex
Electronic Materials	http://www.kmnews.com
Other Learning Materials	N/A

2. Facilities Required

Item	Resources
Accommodation (Classrooms, laboratories, demonstration rooms/labs, etc.)	Classroom (to seat the minimum number of students of 30) Computer lab with the required text mining software (to seat the minimum number of students of 30)
Technology Resources (AV, data show, Smart Board, software, etc.)	Smart board – Personal computer (laptop) - Projector
Other Resources (Specify, e.g. if specific laboratory equipment is required, list requirements or attach a list)	Internet is a necessity for research purposes. A computer lab with access to electronic libraries.

G. Course Quality Evaluation

Evaluation Areas/Issues	Evaluators	Evaluation Methods
Obtaining Student Feedback on Effectiveness of Teaching.	Students	- Course Evaluation Surveys - Students-Faculty Meetings Students Assessment of Faculty Members Survey
Extent of achievement of course learning outcomes	Faculty	- Course evaluation reports
Evaluation of Teaching	Faculty	- Discussions between staff members teaching the course - Internal review of the course at a departmental level External reviewers
Processes for Verifying Standards of Student Achievement	Faculty	Marking of assignments and exam submissions are revised by independent teaching staff from within the department and/or other departments within the college
planning arrangements for periodically reviewing course effectiveness and planning for improvement	Faculty	- 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. - an internal review at the end of the semester, conducted by teaching staff will help generate ideas and plans for the development of the course, teaching strategies and learning outcomes. This is further reinforced through ongoing review of developments in the field conducted. in addition to training and workshops provided to the course instructor.

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