Al Imam Mohammad ibn Saud Islamic University
College of Computer and Information Sciences

Information Systems Department

Course Syllabus

IS323 – Knowledge Management Systems

Catalog Description:	This course introduces the field of Knowledge management systems. It helps students to understand knowledge management from an information systems perspective. Analyzing information and knowledge processes in organizations. Explicit and implicit/tacit knowledge in software systems and in human social systems. Languages and models for codifying knowledge. Application of information technologies to knowledge management. Ontologies and the semantic web. Knowledge management in information systems development. Applications in selected areas such as enterprise management, e-commerce, healthcare, media, and education.

Credit Hours: **3 Credit hours:**   3 Lectures per week   0 Labs. per week   0 Recitation per week
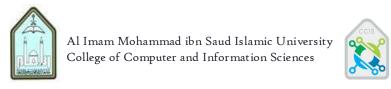
Prerequisites: IS335

Course Learning Outcomes:

1. Identify potential IT systems solutions to address knowledge management needs
2. Analyze knowledge management needs in organizational settings
3. Apply modeling techniques to analyze organizational processes from a knowledge management perspective as well as information systems perspective
4. Explain and illustrate potential application of ontologies in the context of knowledge management
5. Design and implement a knowledge management system to demonstrate the concepts learned
6. Function effectively on teams to accomplish a common goal.
7. Present a topic in a compelling manner.

Major Topics:

- Introduction to the Knowledge management from an information systems perspective.
- Analyzing information and knowledge processes in organizations.
- Explicit and implicit/tacit knowledge in software systems
- and in human social systems.
- Languages and models for codifying knowledge.
- Application of information technologies to knowledge management.
- Ontologies and the semantic web.
- Knowledge management in information systems development.
- Applications in selected areas such as enterprise management, e-commerce, healthcare, media, and education.
- Project Discussions

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Text Books:	Knowledge Management Systems: Information and Communication Technologies for Knowledge Management Hardcover – July 31, 2007, by Ronald Maier, ISBN-10: 3540714073, ISBN-13: 978-3540714071

Grading:

◉ The grading scale for this course is:

95 - 100	A+	Passing
90 - 94	A	Passing
85 - 89	B+	Passing
80 - 84	B	Passing
75 - 79	C+	Passing
70 - 74	C	Passing
65 - 69	D+	Passing
60 - 64	D	Passing
0 - 59	F	Failing

◉ Final grades will be determined based on the following components:
   . 60% Semester Work
   . 40% Final Exam

◉ Students may not do any additional work for extra credit nor resubmit any graded activity to raise a final grade.

◉ Late submissions will not be accepted for any graded activity for any reason.

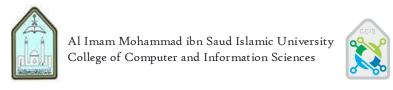◉ Students have one week to request the re-grading of any semester work.

Attendance Policy: Students should attend 80% of the overall course hours taught in the semester as per the University regulations.

If a student fails to achieve this portion, he/she shall not be allowed to appear in the final exam and shall be awarded "DN" grade and repeat the course.

Cheating and Plagiarism Policy: The instructor will use several manual and automated means to detect cheating and/or plagiarism in any work submitted by students for this course.

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When a student is suspected of cheating or plagiarism, the instructor raises the issue to the disciplinary committee.

Communications:	Registered students will be given access to a section of the Learning Management System (LMS) for this course. LMS will used as the primary mechanism to disseminate course information, including announcements, lecture slides, assignments, and grades.
	Communication with the instructor on issues relating to the individual student should be conducted using CIS email, via telephone, or in person.