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

Information Studies Department

Course Syllabus
INFS401 - Information Retrieval

Catalog Description: The course will introduce students to the major types of information retrieval systems, the different theoretical foundations underlying these systems, and the methods and measures that can be used to evaluate them. The course will focus on the both the theoretical aspects of information retrieval design and evaluation.

Credit Hours: **3 Credit hours:** **2** Lectures per week **2** Labs. per week **0** Recitation per week

Prerequisites: INFS361 and INFS320

Course Learning Outcomes:
· Understand and discuss current issues in online searching and information retrieval.
· Be aware of the capabilities and limitations of information retrieval systems.
· Identify search concepts in an information request.
· Employ appropriate search strategies and vocabularies for online and Internet searching.
· List and discuss evaluation criteria for commercial and Internet-based search services.
· Demonstrate problem solving\practical skills to handle a complex search problem.
· Identify and discuss future trends in information retrieval and online searching.

Major Topics:
1) Basic concepts of Information Retrieval
2) Information Database Technology
3) Basic Concepts of Search and Retrieval Processes
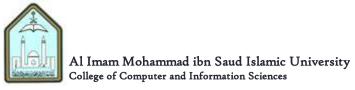4) Online Information Retrieval
5) Web Information Retrieval
6) Multimedia Information Retrieval

Text Books:
-G G Chowdhury. Introduction to Modern Information Retrieval, 3rd ed. London: Facet Publishing, 2010.
-Christopher D. Manning, Prabhakar Raghavan and Hinrich Schütze. Introduction to Information Retrieval. Cambridge: Cambridge University Press, 2008. Available online:

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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.

◉ Studentshave one week to request the re-grading of any semester work.
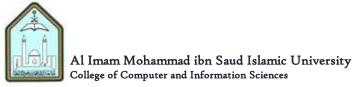
Attendance Policy:

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.

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

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Communications: Registered students will be given access to a section of the Blackboard Learning System for this course. Bb 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.