Al Imam Mohammad ibn Saud Islamic
College of Computer and Information

University
Sciences

Information Systems Department

Course Syllabus
IS395 - ERP Systems

Catalog Description:	Modern enterprise software requires integrated data, real-time access, industry best practices and a focus on cross-functional processes. This course is about ERP systems, the information systems paradigm of organizational computing today. This course will cover the topics that students need in order to understand all the important facets of ERP systems including: planning, package selection, and implementation issues, and core functionality, technical architecture, security and risk.

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

Prerequisites: IS203

Course Learning Outcomes:

1. Define ERP system
2. Name the ERP technologies
3. State the relationship between process reengineering and ERP
4. Name the core modules of an ERP system
5. List the activities that take place in the package selection.
6. Recognize the activities that take place in the implementation and operation of an ERP system
7. Recognize the CRM functionality, ERP financials, manufacturing systems and supply chain
8. Design and create a business System using ODOO software.
9. Function effectively on teams to accomplish a common goal
10. Present a topic in a compelling manner.

Major Topics:

- Introduction to Enterprise Resource Planning Systems
- ERP Technology
- ERP and Business Process Reengineering
- Systems Diagramming and the Process Map
- ERP Life Cycle: Planning and Package Selection
- ERP Life Cycle: Implementation and Operation and Maintenance
- ERP Sales, CRM and Knowledge Management
- ERP Financials
- Human Capital Management, Self-Service and Outsourcing

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- Manufacturing Systems and Supply Chain
- ODOO: Introduction, Sales Management, CRM, Purchase, Manufacturing, Accounting, Finance and HR
- Project Discussions

Text Books:

- Modern ERP: select, implement & use today's advanced business systems, Marianne Bradford, 2nd edition, 2009, ISBN-13, 9780557434077
- Working with ODOO. By Gregory R. Moss. ISBN-13: 978-1-78439-455-4, 2015

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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.

● 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.
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 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.