**Course Syllabus**

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| **Course Information** |
| Course title: | **Enterprise Resource Planning (ERP)** |
| Course code: | **MIS 354** |
| Course description: | Enterprise Resource Planning (ERP) systems are now the norm in all types of businesses. Familiarity with such systems is therefore essential both in its own right and as preparation for any future career in business. This course provides the students with a broad understanding of the fundamental concepts of ERP systems and explains their strategic, tactical, operational influences on businesses. It introduces the ERP functionalities and capabilities in contrast to the unintegrated information systems. It defines the business functional areas, processes, ERP development history, and enabling technologies. It also discusses the pros and cons of implementing an ERP system and the benefits of Customer Relationship Management (CRM) software, Supply Chain Management (SCM) systems, and accounting and management-reporting as useful extensions of ERP software. In addition, it introduces the development of event process chain (EPC) diagrams of basic business processes and the development of processes improvement suggestions. |
| Meeting day | 1,3,5 9-10am |
| Prerequisite(s) | MIS 215 |
| **Instructor Information** |
| Name | Abdulrahman Almuqbil |
| Office location | S 119 |
| Office hours | As posted at the office |
| Email | asalmuqbil@ksu.edu.sa |
| **Required Readings** |
| Ellen Monk, Bret Wagner (2013). “Concepts in Enterprise Resource Planning.” Course Technology, Cengage Learning; 4th edition.  |
| **Course Goals** |
| * Identify the main characteristics, functions, and structure of ERP systems.
* Describe the main concepts of ERP systems including business functional areas, their relationships, and the difference between business process and business function.
* Illustrate how unintegrated information systems fail to support business decision.
* Explain how integrated systems can help a company prosper by providing business managers with accurate, consistent, and current data.
* Describe the challenges of using and configuring ERP for business purposes.
* Discuss the recent extensions of ERP including SCM and CRM.
* Develop event process chain (EPC) diagrams of basic business processes as well as the processes improvement suggestions.
* Gain experience in using ERP software.
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**Exams and Quizzes:**

* Quizzes will generally be announced the previous class. A few quizzes may be surprise quizzes to test assigned reading for that day.
* The exams may contain multiple choice, short answer, and problem-based questions. You will be expected to synthesize responses from lectures, cases, and terminology discussed in class for the exam.

## Exams

**First Exam:**

**Second Exam:**

**Assignment:**

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| **Course Requirements** |
| Grading will be based on a scale from A+ to F. The grading policy is based on university-wide grading system. Please refer to Student Handbook or approach me to get the table of grading system. Points less than 60% will be awarded a fail grade in the course.The course requirements include:* **Two Major Exams (20%)**
* **Classroom participation (10%)**
* **Presentations (15%)**
* **Case Studies (15%)**
* **Final Exam (40%)**

**Course Outline**The following is our tentative schedule for the semester. The Instructor reserves the right to modify course schedule and/or procedures in the event of circumstances beyond her control.

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| List of Topics | No of Weeks | Contact hours |
| Introduction: Business Functions, Processes, and Data Requirements | 2 | 6 |
| The Development of Enterprise Resource Planning Systems | 2 | 6 |
| Marketing Information Systems and the Sales Order Process | 2 | 6 |
| Production and Supply Chain Management Information Systems | 3 | 9 |
| Accounting in ERP Systems | 2 | 6 |
| Process Modeling, Process Improvement, and ERP Implementation | 1 | 3 |
| Student Presentations | 2 | 6 |
| Revision | 1 | 3 |

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| **General Policies** |

* Students are responsible for attaining notes/handouts distributed in class and checking the Learning Management System for updates.
* Start homework early. Late homework will not be accepted. System crashes within 48 hours of homework due date are not valid excuses for late homework.
* If you require special consideration due to disabilities, please provide adequate documentation per university policy.
* Late arrivals and early departures from the classroom are not permitted.
* If you do not show up for classes, your class participation points will be affected. It is your responsibility to get all information provided during lectures that you missed from your classmates. Missing class is not an excuse for retaking quizzes, missing homework deadlines, or misunderstanding lesson changes announced in class.
* All submitted course requirements must be your own work. Check details regarding academic integrity and honesty.
* Getting help from others on individual assignments, getting help on group assignments from individuals other than your group members, and referring to assignments or exams from the previous semester are all unethical behavior. It is important to produce all assignments in your own words.
* Copying material verbatim from the web or books is plagiarism. Always cite the source for ideas taken from others’ work.
* A grade of F could be awarded in the course for unethical behavior on any part of one course requirement.

**Assignments**:

* Group project (case studies): The students will be divided to groups. Each group will analyze a case study by applying what they have learned in each chapter. There will be four segments of the projects. The deadlines will be discussed later.
* Presentations: This is an individual assignment. Each student will summarize and discus an article about ERP. The summary must add value to the course. The topics can be chosen by the instructor or the students- after taking the instructor’s permission.
* Exams: The exams will most likely have short answer questions that shows the students’ understanding of the course.