Kuwait University
College of Business Administration
Information Systems and Operations
Management Department

Course Syllabus
ISOM 472 Project in Information Systems
Dr. Abrar AlHasan
Spring 2023

Lecture Time and Location:
ISOM 472-01A : 6:30 PM – 7:45 PM Mon/Wed   D2-1005

Contact Information

Location	: ISOM Dept., 2nd Floor
Email	: abrar.alhasan@ku.edu.kw
Office Hours	: Mon Wed 12:30 PM – 02:00 PM or by email appointment

Course Description:
This is a capstone course in which students will have the opportunity to demonstrate their competences to integrate and apply information systems (IS) knowledge and skills acquired through their IS program. With the approval of the course instructor, students will work in teams on a business problem or opportunity, develop, test, implement, document, and demonstrate an innovative information technology (IT)-based solution. Throughout the project life cycle, students will demonstrate their proficiency in selecting and utilizing appropriate methodologies, techniques, and tools to carry out the tasks required to develop and manage their projects.

Course Learning Outcomes:
The learning outcomes for this course, listed below, relate to the learning goals of the College of Business Administration Undergraduate Program. Upon successful completion of the course, students will be able to:

CLO1. Apply skills acquired from prior courses in information system
CLO2. Build a fully functional information system
CLO3. Learn team management and problem solving skills
CLO4. Acquire practical project management skills
CLO5. Build and Improve system analysis and design skills
CLO6. Build and improve communication skills
CLO7. Build and improve programming skills
CLO8. Build and improve business analytical skills

CLO Mapping to CBA Skill Based Competency Goals[1]

CLO	Competency Goal				
	Analytical	Communication	Information Technology	Business Ethics	General Business Knowledge
1					A
2			A		
3	R				
4					R
5	R		A		
6		R			
7			R		
8	R				

Type of Emphases:

- **(I)ntroduce:** Students will be introduced to the skill and their grasp of it assessed in the course.
- **(A)pply:** The course will not cover the skill. Students should have a high-level grasp of the skill and are required to apply it in the course.
- **(R)einforce:** Students should have an introductory-level grasp of the skill and the course will improve their mastery to a higher level.

Required Material:

Textbook	Hoffer J.A., George J.F., and Valacich J.S. (2014), Modern systems analysis and design. Pearson, 553 p., 7th Edition, International Edition, Pearson/Prentice Hall. 2014
	Hoffer Jeffrey, V. Ramesh and Heikki Topi, Modern Database Management: 2013 International, 10th Edition
Additional Material	Scott Berkun (2008), Making things happen: Mastering project management, O'Reilly, Media
	Fred Brooks, (1975), Mythical Man Month, Addison-Wesley
E-Learning System	Course website: MS team and Moodle

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[1] CBA Competency Goals can be found at the end of this document

Course Requirements and Policies:

You are responsible for knowing the following policies ("I didn't know" is NOT an excuse):

Attendance and Participation:

Each student should turn silent his/her mobile at the beginning of class
Every student in this course must abide by the Kuwait University Policies (including ERT additions) on Attendance (published in the Student Guide, Chapter 3, Section 13). A copy of the student guide can be accessed online on: http://www.kuniv.edu/cs/groups/ku/documents/ku_content/kuw055940.pdf.
Be on time for the lecture

Absenteeism:

University regulations governing absenteeism are applied to all students. This involves a first warning after 3 hours, a second warning after additional 3 hours absence and a failure notice for any absence beyond the six hours. Absence with a valid excuse will still count as an absence.

Grading:

Writing Style: Students must refer to APA writing style for their assignments and report writing. Refer to the English Language Center for help.
After a grade is posted (quizzes, assignments, midterm), you will have two days to discuss it with your instructor or teaching assistant (TA). After that, the grade is final and released.
For the final exam, the final grades will be posted after 12 hours
Negotiation of the final grade is neither accepted nor discussed.

Description	Weight
Project Deliverables (Reports and Presentation)	60%
Final Exam (Project demonstration)	40%
TOTAL	100%

Deliverable 1 - March 6, 2023 – Business Requirement Analysis and Modelling

Deliverable 2 – March 20, 2023 – System Analysis (Functional Modelling, Structural   Modelling, Behavioral Modelling)

Deliverable 3 – April 3rd, 2023 – System Design (Data Design, System Architecture, User Interface Design)

Deliverable 4 – Final Exam – Documentation and Demo Presentation –
Final Complete Project

Grade Distribution:

Grade	Range
A	≥ 95
A-	≥ 90 and < 95
B+	≥ 87 and < 90
B	≥ 83 and < 87
B-	≥ 80 and < 83
C+	≥ 77 and < 80
C	≥ 73 and < 77
C-	≥ 70 and < 73
D+	≥ 65 and < 70
D	≥ 60 and < 65
F	< 60

FINALLY

In general, your ideas, comments, suggestions, questions, grade challenges, etc. are welcome and encouraged, if you feel the need to share your thought. However, No part of your grade will be based on anything other than your coursework and attendance.

- If a student decides to bring a parent/uncles/aunts (relatives) or anyone to discuss or change a grade, that student will automatically lose 10% of their total grade. Keep in mind your grades are private and I have no right to disclose any information to another person.
- If a student decides to resort to nepotism, also known as Wasta, to request alteration of a grade the student will automatically lose 10% of their total grade.
- "I am a senior and I need an A in the class to graduate because my GPA is low" or "I need a B+ because I am on probation" this is your own doing you will get a B+ or an A only if you (EARN IT), the professor will not entertain such excuses.
- I promise to give you RESPECT / FAIRNESS / and QUALITY in return I expect the same courtesy from you towards me and your fellow class mates.
- These cut-offs are firm (i.e. a 79.999% is a C+ and NOT a B-).
- No extra credit assignments will be provided, as the current structure incorporates a good amount slack so that students can do well even if they miss a few things. Extra credit assignments are not fair for the students who have worked hard throughout the semester.

CBA Vision:
To be the leading provider of quality business education in the region.

CBA Mission:
As part of Kuwait University, the leading national institution of higher education, the College of Business Administration is committed to providing quality business education, engaging in research and community services to contribute to the socio-economic development of the country.

CBA Competency Goals

1.   Analytical Competency: A CBA graduate will be able to use analytical skills to solve business problems and make a well-supported business decision.
Student Learning Objectives:
1.1. Use appropriate analytical techniques to solve a given business problem.
1.2. Critically evaluate multiple solutions to a business problem.
1.3. Make well-supported business decisions.

2.   Communication Competency: A CBA graduate will be able to communicate effectively in a wide variety of business settings.
Student Learning Objectives:
2.1. Deliver clear, concise, and audience-centered presentations.
2.2. Write clear, concise, and audience-centered business documents.

3.   Information Technology Competency: A CBA graduate will be able to utilize Information Technology for the completion of business tasks.
Student Learning Objectives:
3.1. Use data-processing tools to analyze or solve business problems.

4.   Ethical Competency: A CBA graduate will be able to recognize ethical issues present in business environment, analyze the tradeoffs between different ethical perspectives, and make a well-supported ethical decision.
Student Learning Objectives:
4.1. Identify the ethical dimensions of a business decision.
4.2. Recognize and analyze the tradeoffs created by application of competing ethical perspectives.
4.3. Formulate and defend a well-supported recommendation for the resolution of an ethical issue.

5.   General Business Knowledge: A CBA graduate will be able to demonstrate a basic understanding of the main business disciplines' concepts and theories.
Student Learning Objectives:
5.1. Acquire a fundamental understanding of knowledge from the main business disciplines (e.g. finance, accounting, marketing, and management information systems, among others).