Course Syllabus

General Course Information

Instructor: Dr. Ahmad A. Rabaa'i
Office: A311
Phone: Ext. 3774
Email: arabaai@auk.edu.kw
Office Hours: M 08:00-09:30am and 02:00-03:30pm
W 08:00-09:30am and 02:00-03:30pm
Classroom: A107
Class time: MW 12:30 – 13:45 am

Course Description

Information systems are an integral part of all business activities and careers. This course is designed to introduce students to contemporary information systems and demonstrate how these systems are used throughout global organizations. The focus of this course will be on the key components of information systems - people, software, hardware, data, and communication technologies, and how these components can be integrated and managed to create competitive advantage. Through the knowledge of how IS provides a competitive advantage, students will gain an understanding of how information is used in organizations and how IT enables improvement in quality, speed, and agility. This course also provides an introduction to systems and development concepts, technology acquisition, and various types of application software that have become prevalent or are emerging in modern organizations and society.

Course Prerequisites

N/A

Course Outcomes

Upon completion of this course the student should:

1) Explain how and why information systems are used today, and how information systems are enabling new forms of commerce between individuals, organizations, and governments. [ABET 1,2]
2) Identify the technology, people, and organizational components of information systems. [ABET 1, 2]
3) Compare how businesses are using information systems for competitive advantage versus competitive necessity. [ABET 1, 2, 6]
4) Describe how information systems are analyzed, designed, managed and delivered [ABET 1, 2, 6]
5) Describe the current and emerging technologies that enable new forms of communication, collaboration, and partnering. [ABET 1, 6]
6) Classify various types of information systems by how they provide the information needed to gain business intelligence to support the decision making for the different levels and functions of the organization. [ABET 1, 6]
7) Understand ethical and societal impact of information systems. [ABET 4]
8) Improve conceptual, problem solving, and decision making abilities. [ABET 1]
9) Demonstrate an ability to work independently and in a group. [ABET 3, 5]
10) Improve interpersonal skills through teamwork as well as oral and written communication skills. [ABET 3, 5]

Textbook and Course Material

- **Required text**

- **Recommended Texts & Other Readings**
  N/A.

Communication and Course Material

All supportive course material, assignments, and communication will be done through email and Moodle. Make sure you regularly check your email/Moodle accounts.

Grading Scheme

<table>
<thead>
<tr>
<th>Assessment</th>
<th>Percentage</th>
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<tbody>
<tr>
<td>Exam 1</td>
<td>20%</td>
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<tr>
<td>Exam 2</td>
<td>25%</td>
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<tr>
<td>Group Project (Presentation)</td>
<td>20%</td>
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<tr>
<td>Final Exam</td>
<td>35%</td>
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- **Grade Assignment**
Letter grades will be determined using a standard percentage point evaluation as outlined below

A: 94-100    A-: 90-93    B+: 87-89    B: 84-86,    B-: 80-83
Tentative Course Outline

<table>
<thead>
<tr>
<th>Week</th>
<th>Topic</th>
<th>Notes</th>
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<tbody>
<tr>
<td>Week 1</td>
<td>An Introduction to Information Systems</td>
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<td>Week 2</td>
<td>Information Systems in Organizations</td>
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<td>Week 3</td>
<td>Hardware- Input, Processing, and Output, and Storage Devices</td>
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<td>Week 4</td>
<td>Software- Systems and Application Software</td>
<td>Exam 1</td>
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<td>Week 5</td>
<td>Database Systems and Applications</td>
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<td>Week 6</td>
<td>Telecommunications and Networks</td>
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<td>Week 7</td>
<td>The Internet, Web, Intranets, and Extranets</td>
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<tr>
<td>Week 8</td>
<td>Electronic and Mobile Commerce</td>
<td>Exam 2</td>
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<td>Week 9</td>
<td>Enterprise Systems</td>
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<td>Week 10</td>
<td>Information and Decision Support Systems</td>
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<td>Week 11</td>
<td>Knowledge Management and Specialized Information Systems</td>
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<td>Week 12</td>
<td>Systems Development- Investigation, Analysis, and Design</td>
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<tr>
<td>Week 13</td>
<td>Systems Development- Construction, Integration and Testing, Implementation, Operation and Maintenance, and Disposal</td>
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<td>Week 14</td>
<td>The Personal and Social Impact of Computers</td>
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<tr>
<td>Week 15</td>
<td>Group Presentation</td>
<td>Presentations</td>
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<tr>
<td>Week 16</td>
<td>Revision</td>
<td>Final Exam</td>
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Course Policies and Strategies

Attendance

The American University of Kuwait recognizes that class attendance is an important element of students’ classroom success. Students are expected to attend all classes, laboratories, and/or required fieldwork. Because excessive absences prevent students from receiving full course benefit, and disrupt orderly course progress, AUK has established the following policy on class attendance:

Any student who misses MORE THAN 15% of the class sessions of any course during a semester should expect to fail, unless s/he submits documented evidence to the course instructor of inpatient medical care, death of an immediate family member, academic instructional activities, or national athletic activities. If excused, students are required to satisfy all coursework due or assigned during their absences, as determined by the course instructor. If a student does not submit documented evidence for her/his absences exceeding the limit, it is the student’s
responsibility to withdraw from the course by the specified deadline, as indicated on the Academic Calendar. Students who withdraw from a course receive a grade of "W." Students who do not withdraw from a course nor submit supporting documents for excessive absences will receive a grade of “FN” (failure for non-attendance).

For more information on AUK’s policies for attendance and missed classes please visit:

http://auk.edu.kw/about_auk/policy_procedure.jsp

Exams

These exams are designed to measure the ability of the student to use and apply the learning material. Every learning activity may be tested, that includes (but is not limited to) topics discussed in the classroom, assigned tasks, readings, and project-related activities.

Group Assignment

An important experiential component of the course is the completion of the group presentation. Students will work in groups to reflect on their learning. This assignment will help to improve students’ critical thinking, problem solving, communication skills, group work skills, research skills and presentation skills. The group presentation is worth 20%, a detailed description of the project will be made available on the course website in Moodle.

Makeup Exams

No makeup exam will be given unless all of the following three steps are performed: (1) The student notifies the course instructor (in writing or by email) about the reasons for missing the exam at least 24 hours before the set exam date, (2) The instructor permits the makeup exam at another date and lists the papers (medical or otherwise) required for the makeup, and (3) The student submits the required papers.

Disability Accommodation

If you believe that you need accommodations for a disability, kindly arrange for an appointment with Dr. Huda Shaaban (hshaaban@auk.edu.kw) at the Counseling Center located in the Students Center at the earliest with the understanding that all disability-related accommodations require registration with the Counseling Center and are not applied retroactively.

Mobile Phones

The use of mobile phones is strictly prohibited during class.

Plagiarism

The term “plagiarism” includes, but is not limited to, an attempt of an individual to claim the work of another as the product of his/her own thoughts, regardless of whether that work has been published. Plagiarism includes, but is not limited to, quoting improperly or paraphrasing text or other written materials without proper citation on an exam, term paper, homework, or other written material submitted to an Instructor as one’s own work. Plagiarism also includes handing in a paper to an Instructor that was purchased from a term paper service or downloaded from the Internet and presenting another person’s academic work as one’s own.

Cheating

The term “cheating,” includes but is not limited to, copying homework assignments from another student; working together with another individual on a take-home test or homework
when specifically prohibited from doing so by the Instructor, looking at and/or copying text, notes or another person's paper during an examination when not permitted to do so. Cheating also includes the giving of work information to another student to be copied and/or used as his/her own. This includes but is not limited to giving someone answers to exam questions either when the exam is being given or after having taken an exam; informing another student of specific questions that appear or have appeared on an exam in the same academic semester; giving or selling a term paper, report, project or other restricted written materials to another student.

**Dishonesty in Papers**

Papers submitted in courses must be the original work of the student with appropriate citations and references. Papers or other reports prepared by another person or purchased from another person or company and submitted as one's own work is a violation of academic honesty.

**Dishonesty in Exams**

This includes the use of unauthorized materials, receipt of information and/or answers from others during the examination, or the transferal of unauthorized materials, information or answers to another student.

**Work for One Course Submitted for Another**

Work submitted for one course may not be submitted for another. It is a violation of academic integrity to submit the same work in more than one course. The incorporation by students of past writing or research into current projects must be clearly indicated.

**Adjudication of Academic Dishonesty and Integrity**

The University reserves the right of imposing on the violators of academic honesty disciplinary action ranging from a failing grade in the exam, paper or course to suspension or dismissal from the University. For more information refer to the "Academic Dishonesty" policy in the University Undergraduate Catalog, refer to the following link:

http://auk.edu.kw/about_auk/policy_procedure.jsp