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Fall 2018
ISYS 2103
Business Information Systems

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Prerequisite:

Prerequisite: WCOB 1120 (Computer Competency)

Prerequisite/Corequisite: ACCT 2023 (Accounting II) or WCOB 2053 (Business Foundations) with a grade of "C" or better

Course Description

This business core course presents the fundamentals of business information systems (IS) topics essential to today's business graduate. A number of integrated examples across "applied" areas of business will be utilized. Applied areas of business will be used to provide the context for the IS topics, business applications, and management challenges. This course surveys essential information systems and technology fundamentals that are common to most enterprises. The course addresses information systems components and follows up by showing how managerial information and other essential functional information is generated, derived, and presented through the company's information processing and decision support systems. Business Information Systems is the "life blood" of business; those systems that enable the business to function effectively and efficiently as a unit. The broad objective of this course is to present you with a business and information systems framework that will allow you to envision how business decisions are enabled and empowered by information systems and technology.

Student Learning Outcomes

Upon completion of this course, students will have acquired capabilities in the following topical areas of information technology through successful completion of the listed course objectives.

1.
1. Demonstrate the fundamentals of Information Systems through "hands on" exercises and critical thinking use cases.
2. Explain how firms leverage information technology, customer relationship management, and data analytics to gain competitive advantage
3. Describe information system related challenges including project management, development methods, security and privacy, and knowledge management
4. Interpret how business application such as enterprise resource planning (ERP), supply chain management (SCM) support systems, electronic commerce, and mobile applications apply in both information systems and business.

Course Learning Objectives

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  o Explore current trends, technologies, and applications (2, 3, 4)
  o Demonstrate security issues and the context it provides to an organization (3)
  o Discuss ethics and what role it plays in business and in information systems (2,3)
  o Discuss critical thinking and decision-making skills necessary for business (1,2,3,4)
  o Explain the structure of information systems and what role it plays in business (1,2)
  o Explain cloud computing (2,3)
  o Applications and databases and why they are important to businesses (2,3,4)
  o The various information system roles through the industry (2,3,4)
  o Hardware/storage and the needs of a company (1?)
  o Describe global information systems and how E-business is changing in today's society (2,3,4)
  o Demonstrate communication through information systems and advantages of electronic communication (2,3,4)
  o Discuss business intelligence and knowledge management and the role it plays in business (2,3,4)

- Explain Enterprise Systems and the business processes (2,3,4)
- Discuss Management Support Systems and supply chain planning (2,3,4)
- Connecting business objectives to information systems (2,3,4)
- Demonstrate the system development process and how business users interact (2,3)

Assessment and Grades

Submission of Homework

- Documents should be saved in an **MS Word format** unless other software is required such as Excel, PowerPoint, or course-specific tools. **No pdf files**.
- You will submit your assignments via the *Assignment* feature, located in the **Assignment** item for that lesson. Please make sure your files are free of viruses before sending them as attachments. Intentionally submitting an assignment with a computer virus may lead to a grade of zero on that assignment.
- When submitting files, you must include **your name *and*** the **name of the assignment** in the file name. For example, if Jane Doe was submitting an assignment called "Exploratory Data Analysis (EDA)", the filename would be: "**jdoe_EDA.docx**". Also, make sure to include **your name** and the **assignment name** in the header or footer of the document.

Examinations

There will be four exams in this course. Exams may include materials from the textbook, reading assignments, handouts, guest speaker recordings and collaboration discussions. The format of each exam will be announced at least a week prior to the day of the exam, exams may include multiple choice, short answer and essay questions. Dates of the exams will be posted on th**e Course Calendar** in the course calendar folder on Blackboard. Absolutely no makeup exams will be given for missing the scheduled exam time unless prior permission has been given by the instructor. Permission to take a make-up exam will be given only for extreme circumstances.

If you know you will miss the exam, it is your responsibility to tell us in advance. No makeup exams will be given for those students who do not notify me in advance. Any uncoordinated excuse will result in a score of 0 for the exam. If you have to miss an exam for an emergency, you are required to produce documentation as to the nature of your absence.

Quizzes

There are ten excel "quizzes" for this course, these quizzes cover aspects and features of Microsoft Excel. You must have access to Microsoft Excel to complete the quizzes. The quizzes will be due on the dates listed in the course calendar.

Late Assignments

Assignments are due by 11:59 PM Sunday unless otherwise specified. Assignments which are late will be accepted up five days late with a 10% penalty for each day. No credit will be given for assignments received after the fifth day.

Grades

Graded Items	Points
Exam 1	125
Exam 2	125
Exam 3	125
Final Exam	225
Excel Quizzes (10)	100
Case Studies (3)	150
Content Quizzes (8)	80
Simulation and Participation	70
Total	**1000**

Grades will be assigned as objectively as possible according to the following scale based on total points earned divided by total points possible (1000). **Absolutely no rounding will occur**. Note: 89.999% will be a B.

90% - 100% = A
80% - 89 = B
70% - 79 = C
60% - 69 = D
Below 60% = F

Blackboard Assistance:

We will be using Blackboard and its features for communication in this course. Blackboard allows for the posting of announcements, assignments, grades, sending email, group discussions, and virtual office hours. The website address is http://learn.uark.edu. It will be each student's responsibility to check the blackboard page for news and/or announcements, as well as any changes and/or additions to the tentative schedule. This webpage and e-mail will be used extensively throughout the session as our "communication tool."

For more assistance and Blackboard Requirements, refer to the Blackboard Support Checklist.

Blackboard & Collaborate Support

If you have any questions about **Blackboard** contact Blackboard Support: 479.575.6804. The hours are:

- Mon - Thurs 7 am – 10 pm
- Friday: 7 am – 5 pm
- Saturday: 11 am – 4 pm
- Sunday 6 pm – 11 pm

You can also contact Blackboard support by emailing bbhelp@uark.edu.

Course Content Support

If you have any questions about the course content (assignments, deadlines, etc), please contact your instructor, Ms. Brittany Bright. You can contact your instructor at smnolan@uark.edu or 970-549-7652. Email will receive the quickest response. I will respond to emails within 48 hours (business days).

Etiquette Policy

Remember you are in a college level course, so you are expected to approach all assignments in a professional and intelligent manner. This means in all communications (via email, blog posts, wiki activity, etc) you should:

- Use correct spelling and grammar
- Avoid use of emoticons
- Avoid use of net abbreviations (LOL, idk, etc)
- Avoid the use of slang (sup!, that's cool!, etc)

When posting comments on other people's work in blogs, wikis, or peer reviews keep your tone positive and encouraging. Use terms like "I think" or "I believe", "such and such would be better" instead of "you should" or "you need to" "change such and such." It is recommended that you review the Code of Student Life from the Student Handbook.

Academic Integrity Policy

There is absolutely **NO Tolerance** for cheating. I am steadfast to the principle of academic honesty and I expect each student to maintain a high standard of academic integrity. I will not and do not tolerate cheating. My pledge to you is to provide a learning environment that is conducive to academic honesty in and out of the classroom. I support the University of Arkansas' policy on academic dishonesty (*University of Arkansas: Undergraduate Studies Catalog.*) I will investigate any and all forms of academic dishonesty.

As a core part of its mission, the University of Arkansas provides students with the opportunity to further their educational goals through programs of study and research in an environment that promotes freedom of inquiry and academic responsibility. Accomplishing this mission is only possible when intellectual honesty and individual integrity prevail.

Each University of Arkansas student is required to be familiar with and abide by the University's 'Academic Integrity Policy' which may be found at http://provost.uark.edu/ Students with questions about how these policies apply to a particular course or assignment should immediately contact their instructor.

In any event, *all grade sanctions* must be reported to the **Office of Community Standards and Student Ethics (OCSSE),** which may decide to take further action such as expulsion from the University of Arkansas.

Academic dishonesty involves acts that may subvert or compromise the integrity of the educational process at the University of Arkansas. Included is an act by which a student gains or attempts to gain an academic advantage for himself or herself or another by misrepresenting his or her or another's work or by interfering with the completion, submission, or evaluation of work. These include, but are not limited to, accomplishing or attempting any of the following acts as stated by the Catalog of Studies that relate to this course:

- Using any materials that are not authorized by the instructor for use during an examination.
- Copying from another student's computer/paper during an examination.
- Collaborating during an examination with any other person by giving or receiving information without specific permission of the instructor.
- Stealing, buying, or otherwise obtaining information about an examination not yet administered.
- Collaborating on laboratory work, take-home examinations, homework, or other assigned work when instructed to work independently.
- Substituting for another person or permitting any other person to substitute for oneself to take an examination.
- Sabotaging of another student's work.
- Falsifying or committing forgery on any University form or document.
- Committing any willful act of dishonesty that interferes with the operation of the academic process.
- Facilitating or aiding in any act of academic dishonesty

Application of the Academic Honesty Policy, as stated at http://provost.uark.edu/ will be fully adhered to in this course. Academic dishonesty involves any act, which may subvert or compromise academic integrity or the integrity of the University's 'Academic Integrity Policy'. Also, be sure to view Provost Gaber's video on Academic Integrity for students here at the University of Arkansas.

WATCH VIDEO

Academic Integrity for Students
Duration: (3:43)
YouTubeURL: http://www.youtube.com/watch?v=LpjVjJWpb8w

Accommodations:

University of Arkansas Academic Policy Series 1520.10 requires that students with disabilities are provided reasonable accommodations to ensure their equal access to course content. If you have a documented disability and require accommodations, please contact me privately at the beginning of the semester to make arrangements for necessary classroom adjustments. Please note, you must first verify your eligibility for these through the Center for Educational Access (contact 479–575–3104 or visit http://cea.uark.edu for more information on registration procedures). CEA can also be contacted via email at ada@uark.edu. Students are responsible for requesting accommodations from the Center for Educational Access (CEA), who will then notify your instructor. The Walton College policy is that any student must also request testing accommodations from their instructor. Schedule a meeting with me in my office to discuss necessary arrangements, as needed.

Academic Support

For those struggling in any academic area, the University offers support services which can be located at the Academic Support website.

Equal Treatment for All:

The University Catalog reprints the Campus Council Statement on Discrimination. In the spring of 1983, the Campus Council adopted a statement on equal treatment, amended in fall 1991: "The Campus Council of the University of Arkansas, Fayetteville, **does not condone discriminatory treatment of students or staff on the basis of age, disability, ethnic origin, marital status, race, religious commitment, sex, or sexual orientation in any of the activities conducted on this campus. Members of the faculty are requested to be sensitive to this issue, when, for example, presenting lecture material, assigning seating within the classroom, selecting groups for laboratory experiments, and assigning student work. The University faculty, administration, and staff are committed to providing an equal educational opportunity to all students."**

Inclement Weather Policy

In case of inclement weather or technological problems that prevent the University from providing access to course materials, you may contact the instructor via email or given phone numbers. In addition, the instructor will notify students as soon as possible in such instances and provide instructions on how the course will proceed.

Attendance Policy:

Class attendance is expected to all classes. Course materials will be made available via Blackboard for information given in class; however, lecture materials will be your responsibility and any missed quizzes given during class will not be made up in the event they are missed due to absences. Readings will be the responsibility of the student. Class time will be used for brief review of readings and hands-on practice.

Disclaimer:

The instructor may deviate from the schedule and/or make changes to the syllabus. Changes from the schedule/syllabus/points will be announced on blackboard, and via e-mail.