GBUS 3350 Business Information Systems OFFICE (830) 758-5015
Summer I 2022 SESSION/WEB
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OFFICE HOURS BY APPOINTMENT ANYTIME

I will be available by phone, e-mail or in my office to offer assistance on any subject related to the course. As we progress in the course, I may make changes to this syllabus to accommodate any particular subject area. In that sense, this syllabus is a guideline, not a contract.

Required Text:
Information Systems, Stephen Baltzan 4e, McGraw Hill, ISBN 978-1-259-81429-7

1. Learning Objectives: The student will be able to:
    1. Describe the information age and the differences among data, information, business intelligence and knowledge. Identify the different departments in a company and why they must work together to achieve success. Explain systems thinking and how management information systems enable business communications.
        - Assessment: Exam and/or written assignment
    2. Explain the importance of decision making for managers at each of the three primary organization levels along with the associated decision characteristics. Define critical success factors (CSFs) and key performance indicators (KPIs) and explain how mangers use them to measure the success of MIS projects. Classify the different operational support systems, managerial support systems and strategic support systems, and explain how managers use these systems to make decisions and gain competitive advantages. Describe artificial intelligence and identify its five main types.
        - Assessment: Exam and/or written assignment
    3. Compare disruptive and sustaining technologies, and explain how the Internet and the WWW caused business disruption. Describe ebusiness and its associated advantages. Compare the four ebusiness models. Describe the six ebusiness tools for connecting and communicating. Identify the four challenges associated with ebusiness.
        - Assessment: Exam and/or written assignment
    4. Explain the ethical issues in the use of information technology. Identify the six epolicies organizations implement to protect themselves.
        - Assessment: Exam and/or written assignment
    5. Explain MIS infrastructure and its three primary types. Identify the three primary areas associated with an information MIS infrastructure. Describe the characteristics of an agile MIS infrastructure.
        - Assessment: Exam and/or written assignment
    6. Explain the four primary traits that determine the value of information. Describe a database, a database management system and the relational database model. Identify the business advantages of a relational database. Explain the business benefits of a data-driven website.
        - Assessment: Exam and/or written assignment

7. Explain the five different networking elements creating a connected world. Identify the benefits and challenges of a connected world.
    - Assessment: Exam and/or written assignment
8. Explain integrations and the roles they play in connecting a corporation. Describe supply chain management along with its associated benefits and challenges. Explain the three technologies that are reinventing the supply chain.
    - Assessment: Exam and/or written assignment
9. Describe the seven phases of the systems development life cycle. Summarize the different software development methodologies. Explain why a company would implement a service-oriented architecture.
    - Assessment: Exam and/or written assignment

2. <u>Assessments</u>:

a. Module assessments are due on the date in the syllabus course schedule. Exams are not cumulative (except to the extent that one part builds upon another). Pay attention to the exam instructions for content. **Exams are time limited, you can stop and resume but the clock keeps running.**

b. It is a policy for this course that after the due date there will be no make-up or reposition for the work required; this policy includes all assessments, meaning; homework, exercises, assignments, and exams. Late of partially completed work, <u>not accepted for grading purposes</u>.

3. <u>Attendance:</u>

Participation in the course is mandatory. Submissions are the equivalent to attending a lecture under the face-to-face mode. After missing four (4) submissions, students will be dropped from the course.

4. <u>Course Grading:</u>

The Blackboard does not take into consideration-missing grades (when the student does not take an assessment) when calculating the course grade. The student needs to be aware and manually calculate the grade if this is the case. Also for attendance purposes.

The projected cutoff point for As, Bs, Cs, and Ds are based on a 90%, 80%, 70%, and 60%, respectively.

***<u>Distance Education Statement</u>*:** Students enrolled in distance education courses have equal access to the university's academic support services, library resources, and instructional technology support. For more information about accessing these resources, visit the SRSU website. Students should submit online assignments through Blackboard or SRSU email, which require secure login information to verify students' identities and to protect students' informationThe procedures for filing a student complaint are included in the student handbook. Students enrolled in distance education courses at Sul Ross are expected to adhere to all policies pertaining to academic honesty and appropriate student conduct, as described in the student handbook. Students in web-based courses must maintain appropriate equipment and software, according to the needs and requirements of the course, as outlined on the SRSU website.

Americans with Disabilities Act: Sul Ross State University is committed to equal access in compliance with the Americans with Disabilities Act of 1973. It is the student's responsibility to initiate a request for accessibility services. Students seeking accessibility services must contact Kathy Biddick in Student Services, Room C-102 Uvalde campus. The mailing address is 2623 Garner Field Road, Rio Grande College-Sul Ross State University, Uvalde, Texas 78801. Telephone: 830-279-3003. Email: kbiddick@sulross.edu.

CLASS SCHEDULE FOR GBUS 3350 BUSINESS INFORMATION SYSTEMS *

*** Assessments are due at 11:59 pm of the scheduled date (first column below).**

Module/ Date	Topic	Chapter	Description
Mod 1 Jun 7	Management Information Systems: Business Driven MIS	1	Introduction to the Management Information systems concepts Assessment available 6/4/22 6:00 AM
Mod 2 Jun 11	Decisions + Processes: Value Driven Business	2	Decision making and operational support systems. Assessment available 6/7/22 6:00 AM
Mod 3 Jun 14	Ebusiness: Electronic Business Value	3	The Internet, WWW and ebusiness Assessment available 6/11/22 6:00 AM
Mod 4 Jun 18	Ethics + Information Security: MIS Business Concerns	4	Ethical issues in the use of information technology. Assessment available 6/14/22 6:00 AM
Mod 5 Jun 21	Infrastructures: Sustainable Technologies	5	Information systems infrastructure. Assessment available 6/18/22 6:00 AM
Mod 6 Jun 25	Data: Business Intelligence	6	Database management systems Assessment available 6/21/22 6:00 AM
Mod 7 Jun 28	Networks: Mobile Business	7	Network concepts Assessment available 6/25/22 6:00 AM
Mod 8 Jul 2	Enterprise Applications: Business Communications	8	Enterprise Resource Planning and Supply chain Management systems, Assessment available 6/28/22 6:00 AM
Mod 9 Jul 5	Systems Development and Project Management: Corporate Responsibility	9	Project management and system development methodologies. Assessment available 7/2/22 6:00 AM