Information Systems and Operations Management Department

ISOM 210 (Section 7)

Business Information Systems

Fall 2026 Syllabus

Course instructor: Uche Ekezie, Ph.D.

Class schedule/place: Tuesday/Thursday, 2:00-3:15PM

Location: WB 202 (In person)

Office hours: Tuesday, Thursday & Friday, 11:00 AM to 1:00 PM,

Location: WB 238, By appointment only (appointments booked via CANVAS).

Course Description:

Welcome to the Business Information Systems course at Miller College of Business. This course reviews the imperative information services in modern organizations. Details the role of information technologies and computer systems used in the planning, management, and evaluation of these information services. Presents elements of managerial decision making and critical and creative thinking to improve business operations. Applies case studies for individuals and teams to solve business problems.

Prerequisite: ISOM 125 or permission of the department chairperson.

Course Objectives:

Upon successful completion of this course, the student should be able to:

1. Understand the basics of business information systems (definitions, concepts and principles).
2. Comprehend the roles of information systems in business functions and processes and describe how information systems help support business decision making.
3. Understand and apply how information technology (IT) tools for business such as databases, communication and networks are used to solve business problems.
4. Learn how to leverage information systems to gain competitive advantage in business.

5. Understand cross-functional enterprise systems, e-business and e-commerce systems.
6. Become aware of the challenges of information technologies, including security, ethical and social issues in information systems.

Assurance of Learning Goals

The Miller College of Business is dedicated to ensuring that every graduate with a business degree is proficient in areas essential for success in business. These learning goals are summarized by the acronym C-KITE: Communication, Knowledge, Integration, Technology, and Ethics. This course supports students in achieving these goals in the following ways:

Communication: Students will develop the ability to explain foundational concepts in business information systems, decision support, information security, ethics and how information drives modern business. Through assignments, and in-class discussions, students will practice communicating technical information in ways that support business decision-making.

Knowledge: Students will gain foundational knowledge in the area of business information systems, knowledge which they will require to thrive and excel in their chosen careers.

Integration: This course integrates information management concepts with business decision-making by showing how information and business intelligence tools are used to organize, analyze, and transform data into meaningful reports.

Technology: Students will interface with actual business information systems and technology on their assignments, to be able to relate concepts learnt during the course with actual business cases.

Ethics: Students will recognize the importance of ethical behavior in managing, storing, and using data. The course emphasizes responsible academic conduct and supports awareness of ethical issues related to data quality, data administration, privacy, and professional use of information systems.

Course Materials

Required Textbook

Business Driven Information Systems, 2026 Release, by Paige Baltzan, McGraw Hill, ISBN: 978-1-265-96589-1. Links to access text shared on CANVAS. Connect access to the text is MANDATORY for reading assignments, weekly quizzes, and in-class case study quizzes.

Software: Microsoft Office 2016/2019 (including Access — note: not compatible with MacOS).

Browser: Firefox recommended for CANVAS.

Other Tools: Adobe Reader, OneDrive for file backup.:

CANVAS: Lecture notes, quizzes, announcements, assignments, online discussions, course schedule, additional readings are/will be available on CANVAS. Please check your CANVAS regularly.

Grading Policies:

Final grades will be determined as follows:

Items	Type	Points
Eleven Quizzes	Individual	220 points (20 points each)
Three Assignments	Individual	240 points (80 points each)
Mid-term Exam	Individual	200 points
Final Exam	Individual	200 points
Assigned Reading	Individual	90 points
In-class Cases	Individual	50 points
Total		1000 points

Letter grades will be based upon the following percentage scale:

A	A-	B+	B	B-	C+	C	C-	D+	D	D-	F
>93%	>90%	>87%	>83%	>80%	>77%	>73%	>70%	>67%	>63	>60%	<60%

Students with Disabilities

If you need course adaptations or accommodations because of a disability, please contact me as soon as possible. Ball State's Disability Services office coordinates services for students with disabilities; documentation of a disability needs to be on file in that office before any accommodations can be provided. Disability Services can be contacted at 765-285-5293 or dsd@bsu.edu.

Assignments

All assignments are due at 11.59 pm on the due date as posted on CANVAS (unless otherwise stated). Grading criteria/rubrics will be posted and updated on Canvas. If you know ahead of time that you will have difficulty meeting an assignment deadline, notify the instructor as soon as possible. He may be willing to make exceptions on a case-by-case basis. Exceptions requested after the due date will not be entertained.

Student Academic Ethics Policy:

Ball State University is committed to maintaining a climate that upholds and values the highest standards of academic integrity. Visit the VPAA's academic integrity website (Students tab) for resources on understanding academic integrity, citing sources properly, and avoiding inadvertent academic dishonesty. To learn about BSU's academic integrity expectations and students' rights, please read the University Student Academic Ethics Policy.

Academic integrity violations include giving or receiving an unfair academic advantage (cheating), presenting someone else's ideas or work as your own (plagiarism), and falsifying academic records. Unless otherwise indicated, you must work independently by yourself. Check with me if you are unsure whether something constitutes academic dishonesty. Examples of academic integrity violations include but are not limited to:

- Using resources not authorized by the faculty member (including devices, AI tools, hidden notes, and open books)
- Using a generative AI system or a person to complete academic assignments such as response papers, discussion posts, essays, or any other assignment when such use is not explicitly permitted by the assignment instructions or the instructor.
- Utilizing another person or a generative AI system to take a quiz, examination, or similar evaluation in place of oneself.
- Using a generative AI system for research, creative work, theses/dissertations, grant proposals, IRB-regulated work, or publication-bound work in violation of university AI policies, funder/publisher rules, IRB requirements, or discipline-specific standards.
- Presenting as one's own work the ideas, representations or words of another person or of a GenAI system without customary and proper acknowledgment of sources or of the AI tool(s) used.
- Using generative AI systems to analyze data, conduct research, or generate content that is included in an assignment (images, graphs, charts, tables, etc.) without proper documentation, citation, and attribution of this AI use.

- Using commercial study websites to find answers to graded assignments (Chegg, Course Hero, StudyPool, OneClass, etc.).
- Without the instructor's written permission, giving away, buying, or selling graded assignments class notes, exams, study guides, or other course materials to other students or to third-party vendors (Course Hero, Chegg, 24HourAnswers, etc.).
- Working with another person on any assignment other than authorized group projects.
- Sharing or allowing others to access your files, whether done with permission or not.
- Reusing your own work from another semester, course, or section.
- Sharing answers with others during exams (passing notes, texting, whispering, gesturing)
- Discussing exam questions and answers with students who have not taken the exam.
- Soliciting others to complete work for you.

Subject to Change Statement:

The professor reserves the right to modify the class outline or syllabus if, in his judgment, such changes would enhance the teaching and learning process (e.g., assignment modifications, correction of typing errors, grading scale adjustments, policy updates, etc.). The instructor will do his best to communicate any changes that may occur as early as possible; however, you are responsible for checking CANVAS on a regular basis to ensure your assignments get turned in on time. When using computers and technology, technical difficulties often arise. Please plan for this likely possibility and complete your work before the due date. Any excuses for late submissions due to such reasons will not be accepted. Please, also test to ensure that all your submissions are correct without errors. After the due date, no resubmissions for full credit are allowed.

Technology Assistance:

Ball State University offers students various sources of technology assistance. Several technologies will be used to support this course. Please contact the HelpDesk for assistance with technology related matters.

University Statement:

We are committed to ensuring that all members of the community are welcome, through valuing the various experiences and worldviews represented at Ball State and among those we serve. We promote a culture of respect and civil discourse.

Disability Statement

If you need course adaptations or accommodations because of a disability, please contact the instructor of record as soon as possible. Ball State's Disability Services office coordinates services for students with disabilities; documentation of a disability needs to be on file in that office before any accommodations can be provided. Disability Services can be contacted at 765-285-5293 or dsd@bsu.edu.

Class Participation and Attendance Policy

Active class participation and attendance is expected and will be tracked. Scores of case-study knowledge checks during class will make up part of your final grades. You are responsible for checking CANVAS for weekly tasks regularly and being prepared to engage in the lectures, working on your assignments, and quizzes. Students who spend time engaging in these activities are likely to have better mastery of the course material and better grades. Attendance will be taken at all classes, and points will be awarded for attendance as shown in final grade breakdown. Absences will be excused for the following: funeral and bereavement leave, jury duty, late course addition, military absences, observance of religious holidays, pregnancy leave, student-athletes participating in university- or department-approved activities, and university advisories. Such absences may need to be substantiated with documentation at your instructor's request. Accommodation will also be made for situations that relate to ADA, Title IX, and disabilities. If you are a student who needs an accommodation for these legal reasons, please contact the Office of Disability Services.

Freedom of Expression

In this course, we are committed to fostering a learning environment that values intellectual diversity, encourages free expression, and promotes open inquiry. As members of the Ball State Community, we treat each person in the Ball State community with civility, courtesy, compassion, and dignity and respect and learn from differences in people, ideas, and opinions. Please review Ball State University's Statement on Freedom of Expression, the resources on Ball State's Freedom of Expression webpage, and Ball State's Beneficence Pledge.

Tentative Course Schedule (subject to revision):

Module (Week of)	Topics	Assignments
1 (8/24)	Introduction to the course Chapter 1.1: Business Driven MIS	Student Introductions
2 (8/31)	Chapter 1.2: Business Strategy & IS	Quiz 1
3 (9/7)	Chapter 2.1: Decision Support Systems	Quiz 2
4 (9/14)	Chapter 2.2: Digital Transformation: Business Process and AI	Quiz 3 Assignment 1 due w/c 9/28
5 (9/21)	Chapter 3: E-Business, Electronic Business Value	Quiz 4
6 (9/28)	Chapter 4: Ethics and Information Security	Quiz 5
(10/5)		EXAM 1 (Chapters 1 – 4)
7(10/12)	Fall Break (10/12&13) Chapter 5.1: MIS Infrastructures	
8 (10/19)	Chapter 5.2: Building Sustainable MIS Infrastructure	Quiz 6 Assignment 2 due w/c 11/2
9 (10/26)	Chapter 6: Data, Business Intelligence	Quiz 7
10 (11/2)	Chapter 7: Digital ecosystem connecting digital lives, Business and Society	Quiz 8
11 (11/9)	Chapter 8.1: Supply Chain Management	Quiz 9
12 (11/16)	Chapter 8.2: CRM and ERP	Quiz 10 Assignment 3 due w/c 11/30
13 (11/23)	Chapter 9: Systems Development and Project Management, Corporate Responsibility	Quiz 11
14 (11/30)		
15 (12/7)		EXAM 2 (Chapters 5-9)

The due dates for any other assignments will be posted on CANVAS.