



**BALL STATE
UNIVERSITY**

ISOM 210.5 - Business Information Systems Spring 2026

Instructor: Dr. Abhijeet Kumar

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Course Schedule/Place: 9:30 -10:45 Tuesday & Thursday

Whitinger Business Building 214

Office Hours: Monday, Wednesday and Friday 3 PM to 5 PM

Office: WB 246

Course Description:

This course introduces students to the fundamentals of Management Information Systems (MIS). It explores how different business functions, such as sales, marketing, and accounting, can be supported and enhanced using information technology to drive organizational success. Students will develop both conceptual understanding and practical skills related to MIS components, technical requirements, and enterprise system implementation. Class sessions will combine discussion of core theories with hands-on projects designed to build engagement and provide experience in addressing real-world challenges in business information systems.

Learning Objectives

Upon completion of the course, students should be able to:

1. Describe the fundamental components, architecture, and operations of computer networks.
2. Configure, analyze, and troubleshoot small network environments using industry tools.
3. Apply core information security principles to protect data, systems, and network resources.

4. Implement basic cloud security controls, including virtual machines and IAM configurations.
5. Analyze network threats and monitor data, including the use of AI-assisted security tools.

Required Materials

- **Textbook:** Business Driven Information Systems, 9th Edition, 2023, by Paige Baltzan, McGraw Hill, ISBN: 978-1-264- 13682-7.
- **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.

Prerequisites

ISOM 125 or permission of the department chairperson

Tentative Course outline

- 1: Management Information Systems: Business Driven MIS
 - 2: Decision and Processes: Value Driven Business
 - 3: E-business: Electronic Business Value
 - 4: Ethics and Information Security: MIS Business Concern
- Midterm Exam Chapters 1-4
- 5: Infrastructures: Sustainable Technologies
 - 6: Data: Business Intelligence
 - 7: Networks: Mobile Business
 - 8: Enterprise Applications: Business Communications
 - 9: Systems Development and Project Management: Corporate Responsibility
- Final Exam Chapters 5-9

Subject to change statement

This syllabus and schedule are subject to change in the event of extenuating circumstances.

Course Format

Lectures will center on the theoretical foundations of the course topics. In-class projects will be assigned to students so that they can apply the methods they have learned in practice. Weekly assignments will be given over the covered materials to reinforce learning and ensure understanding. Students are expected to read the textbook and review the materials uploaded on Canvas.

Policies and Procedures

1. **Participation Policy.** Students are expected to be active participants in the class. This course is designed to include discussion and other forms of collaboration and communication. Students should be willing and ready to regularly communicate with me and their classmates in class and online. Students will need to log into the course at least 3 to 4 times a week and check their official BSU University account daily. Doing so will allow them to view announcements, participate in activities, prepare for, and complete assignments. It is expected that all assignments, quizzes, tests, and any other activities be completed by the due date.
2. **Attendance Policy.** According to Ball State University policy, student attendance is expected. If you must miss class for a legitimate reason such as illness, please notify the instructor via email as soon as possible.
3. **Feedback Policy.** The instructor and his graduate assistant will try to return the email from students' official BSU addresses within 24 hours during business days and within 48 hours on the weekend. Please feel free to email the instructor before that time if you have any questions or concerns about your performance in class.
4. **Late Policy.** All assignments are due by midnight on the due dates indicated. Assignments posted after the indicated due dates will be subject to a loss of 10% of the available points for each day it is late. Technical issues are not valid excuses for late work unless the problem stems from Canvas servers. Canvas will not accept assignments for grading after 11:59 pm on the final day of class. Assignments, unless otherwise indicated, should be submitted using the assignment link in the module.
5. **Assignment Grading & Appeal.** The evaluation of academic performance is an integral part of students' learning experience, and the instructor will be the key decision-maker on the assignment of grades. For information on grade appeal, please check the grade appeal.
6. **Exam Policy.** If a student cannot take an exam on the scheduled date and time, he/she must notify the instructor before the scheduled exam period. If they do not, a penalty of 10% for each day it is late will be applied when it is made up. Exams cannot be made up unless an acceptable reason with an official supporting document is provided (as stated in the University Catalog). Students must take all exams and submit all assignments to be able to pass the course.

7. **Academic Honesty.** The integrity of the classes offered by any academic institution solidifies the foundation of its mission and cannot be sacrificed to expediency, ignorance, or blatant fraud. Therefore, rigorous standards of academic integrity in all aspects of this course will be enforced. Please review the University's Academic Integrity Policy. For all assignments, students must work within their group, and the sharing of files across groups is not permitted for any reason. The Plagiarism Tutorial from UNC Libraries provides a great foundation in Academic Integrity.
8. **Plagiarism Detection.** The campus subscribes to Turnitin, a plagiarism prevention service through Canvas. Students will need to submit written assignments to Turnitin. Students' work will be used for plagiarism detection and no other purpose. Academic dishonesty in class will not be tolerated and thus automatically lead to an F for the course. All information regarding the student academic ethics policy of Ball State University can be found at <http://www.bsu.edu/studentcode/academicethics>. 9.
9. **Grade Dispute.** It is the responsibility of the student to keep track of their grade on Canvas. Students have up to one week after an assignment or exam has been returned to dispute their grade. To challenge a grade, a written explanation of the error must be submitted to the instructor. An assignment or exam that is being disputed is subject to regrading in its entirety. After one week past the return of an assignment or exam, grades will stand as recorded.
10. **Class recording.** Recording of voice and video of the class is not allowed unless it has already been communicated with the instructor via email and approved by him.
11. **COVID-19.** Students will be expected to wear face masks during in-person class sessions and follow social distancing. Face masks should be worn so that they cover the individual's nose and mouth, and the type of mask should be consistent with CDC guidance. This means the face mask should help prevent respiratory droplets from traveling into the air and onto other people when the person wearing the face mask coughs, sneezes, talks, or raises their voice. For example, face masks that are crocheted or beaded would not be considered sufficient for this policy.
12. **Incomplete.** An incomplete grade (I) is only given in cases where the student has done satisfactory work but only lacks one or two assignments/exams because of a substantiated emergency or serious illness at the end of the semester. Do not request an "I" grade unless you believe that you fall into this category and you are prepared to present evidence. Incompletes are given only in these veryrare circumstances and require adequate documentation.

Performance Evaluation

Course grades will be based on the following criteria, but are subject to change:

| | |
|--------------|------|
| Assignments | 50% |
| Case Studies | 10% |
| Midterm Exam | 20% |
| Final Exam | 20% |
| Total | 100% |

The final grades will be distributed according to the following table.

| | |
|----------------|----------------|
| A (95+) | B- (75 – 79.9) |
| A- (90 – 94.9) | C (65 – 74.9) |
| B+ (85 – 89.9) | D (50 – 64.9) |
| B (80 – 84.9) | F (below 50) |

Assurance of Learning – C-KITE

Miller College of Business graduates will demonstrate:

- Communication: Effective oral & written skills
- Knowledge: Understanding of business disciplines
- Integration: Application of concepts across areas
- Technology: Competent use of business technologies
- Ethics: Ethical reasoning in decision-making

Diversity and Inclusion

Ball State University aspires to be a university that attracts and retains a diverse faculty, staff, and student body. 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 as expressed in our Beneficence Pledge. For Bias Incident Response information, please click [here](#) or e-mail reportbias@bsu.edu.

Canvas Accessibility

Canvas provides a user experience that is easy, simple, and intuitive. Special attention has been paid to making the Canvas screen readable. The Rich Content Editor encourages users to create accessible content pages (i.e. text formatting is accomplished using styles). Canvas is designed to

allow limited customization of colors and schemes to be accessible for all users. The National Federation of the Blind granted Canvas the Gold Level Web Certification in 2010. Find more information by visiting the Canvas Voluntary Product Accessibility Template (VPAT).

FERPA and Privacy

Under FERPA (Family Educational Rights and Privacy Act), students records are confidential and protected. Under most circumstances, students' records will not be released without their written and signed consent. However, some directory information may be released to third parties without your prior consent unless a written request to restrict this is on file. Please consult the following link for more information on FERPA Ball State's FERPA and Privacy and Protection.

UNIVERSITY SERVICES

As a student, you may find the following services helpful in your course of study.

1. The Learning Center offers free tutoring for many courses on campus, including science and humanities, modern and classical languages, math and business, help with any writing task, and study strategies such as time management, test-taking, note-taking, and effective textbook reading. To make an appointment, students need to visit my.bsu.edu and click on "TutorTrac." For more information, visit www.bsu.edu/learningcenter or call 765-285-3780. The Learning Center is located in NQ 350.
2. 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 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
3. One key to improving writing is getting feedback and revision suggestions on your text during the writing process. The Writing Center at Ball State offers free writing feedback sessions (online or faceto-face) to all students. They work with students on essays, reports, reflections, research projects, web content, lesson plans, slideshows, poster presentations, resumes, and other digital or print texts. Students can make an appointment by going to www.bsu.edu/writingcenter, stopping by Robert Bell 295, or by calling 765-285-8370.
4. I'm here to help you as best as I can, but if you encounter problems beyond my expertise, I encourage you to contact the Counseling Center. They offer presentations on a variety of topics such as Substance Abuse, Eating Disorders, Learning Styles, Stress Management, Suicide Presentation, Myers-Briggs Type Indicator, Sexual Assault Prevention, Career Exploration, Health and Wellness, Sports, and Performance Psychology, Grief and Loss, and Relationships. A full listing of their programs can be viewed on their website under

"Outreach and Special Programs Guide" <http://cms.bsu.edu/campuslife/counselingcenter>. Starting in Fall 2020, the Center also provides Let's Talk appointments for students to talk about an issue and to get support. The Self_Help section provides information on many topics. The Counseling Center is located in Lucina Hall, room 320.

5. The Office of Student Conduct administers the Code of Student Rights and Responsibilities responds to allegations of misconduct and conducts outreach to the campus community on safety, security, and other issues important for student success. It administers an emergency loan program, provides support to the Associate Provost in grade appeals and academic misconduct procedures, and oversees compliance with the Clery Act. It also helps students to understand and navigate many other university policies and procedures. For more information, please go to <https://www.bsu.edu/about/administrativeoffices/student-conduct>