

Dillard College of Business Administration
SYLLABUS: Information Technology Management
MIS 5113, Section 270

W 7:00pm-8:20pm

DB 306 or [Zoom Virtual Meeting](#) (password: 5113)

Contact Information

Instructor: Dr. Grace Zhang, Professor of Management Information Systems

[Zoom Office Hours](#): MW 1:30pm – 3:00pm, F 1:30pm – 3:30pm or by appointments

Texting or Cell phone: (206)-724-1509

Email: grace.zhang@msutexas.edu

Course Materials:

- *Information Technology for Management: Digital Strategies for Insight, Action, and Sustainable Performance, 10th Edition*, by Efraim Turban, Linda Volonino, Gregory R. Wood.
- Lecture notes and other additional materials will be provided in class and on D2L. D2L access to Course Content, Assessment, Assignment, Grades, Mail, Announcement, etc. I will use D2L as the primary communication channel for the class.
- [Zoom Meeting access](#) with both webcam and microphone ready if you are joining the class remotely. Clear video of you is required for remote attendance records.

Course Description:

Overview of information technology and how it might be used to provide a strategic advantage for management. All facets of information technology will be examined so that their impact may be studied from the viewpoint of competitive, cultural, global, and political impact.

Course Prerequisite:

Consent of the Graduate Coordinator.

Learning Goals

I. **General Learning Goals:**

- **Our students will exhibit the characteristics of leadership.** The class group project requires students to evaluate each team member based on the DCOBA common rubric. The leadership rubric includes items covering participation, teamwork, organization skills, character, and communication.
- **Our students will be able to conduct themselves professionally in global environments.** The group project requires students to examine the feasibility and plan to apply information technology to a real-world business situation. In the project paper, it is required to include a section of investigation on this technology in global environments and how this technology will influence the current business in global environments.
- **Our students will produce creative responses to business situations.** The group project requires students to apply a specific type of information technology to a real-world business scenario. Recent technology topics include but are not limited to Artificial

Intelligence, Data Mining, Cloud Computing, Mobile Applications. Various case discussions and assignment activities will also require students to produce responses to business situations.

- **Our students will communicate at a professional level.** The group project requires a formal team presentation and final paper. The presentation will be graded according to DCOBA common oral communication rubrics. The project paper will follow the standard research paper requirements.

These general learning goals are among those established by the Dillard College of Business Administration. General learning goals represent the skills that graduates will carry with them into their careers. While assessing student performance in obtaining these general learning goals, Dillard College is assessing its programs. The assessments will assist us as we improve our curriculum and curriculum delivery.

II. **Course-Specific Learning Goals:** After completing this course, students should be able to:

- Understand that information technology is evolving rapidly to impact today's business
- Describe how to maximize the value of data and information technology
- Evaluate Digital, Mobile, and Social Commerce
- Get familiarized with Enterprise Systems and Business Analytics
- Plan IT strategies and know IT project management
- Apply information technology to business scenarios to align with business strategy and gain competitive advantages.

Course Policies

Missed Examination, assignments, and class activities Policy: This is a hybrid class that meets once a week. Therefore, we need to prepare for additional self-study and work time outside of the classroom. An ample window of time will be provided to take exams, finish in-class/online activities, and submit assignments, so **there is no provision for late submittals in this course.** Only students with conflicts involving authorized University activities or having verified medical circumstances may ask in advance for an exception to this policy. Written verification, in either case, is mandatory. Arrangements must be made in advance if at all possible. The instructor must be contacted no later than the day of the scheduled exam, or no makeup will be allowed in all cases. At the instructor's discretion, a deduction may be assessed for a late exam or assignment.

Grading and Evaluation: Student's performance will be assessed using the following elements.

1. **Exams (3):** Exams are open book and open references. The exam will also be **auto-submitted** once time runs out; therefore, please save your answers often and pay special attention to the timing.
2. **Group Project:** Students work in a group to deliver a professional presentation and a project paper. The project is to outline details of evaluating and applying information technology to a real-world business. Details of the project requirements will be provided in a separate project requirement document.

3. **D2L Assignments:** There will be assignments associated with most of the chapters. Students are expected to submit the assignments in D2L.
4. **D2L Discussions:** Discussion activities will be conducted for most chapters. The questions or topics will be assigned in advance. Students are expected to make meaningful discussion entries and provide quality insights. Reply to others' posts is also required for each chapter.
5. **Attendance and Participation:** Absences will be excused only for approved school trips and severe health issues. Class participation in all kinds of formats (questions, answers, comments, and feedback) is highly encouraged to achieve a reasonable participation grade.

Points will be allocated using the following scheme.

Element	Points	Grades will be assigned using the following scheme	
Exam (3)	40	A	90-100
Group Project	15	B	80-89
D2L Assignments	20	C	70-79
D2L Discussions	20	D	60-69
Attendance and Participation	05	F	<=59
Total Points	100		

Course Content and Outline: See the attached content outline/schedule.

Academic Integrity

Regarding academic honesty, students are referred to as the "Student Honor Creed" of the Midwestern State University Graduate Catalog. Academic dishonesty (cheating, collusion, and plagiarism) is taken seriously and will be investigated. The minimum penalty is an "F" in this course and referral to the Dean of Students for disciplinary action, resulting in expulsion from the University. **All assignments and exams are expected to be done individually unless stated otherwise. Sharing computer files for any purpose in assisting another student is considered a violation of academic integrity for BOTH students.**

Americans with Disabilities Act

If a student has an established disability as defined in the **Americans with Disabilities Act** and would like to request an accommodation, that student should please contact me as soon as possible (i.e., within the first two weeks of the semester). Refer to my office hours and phone number is shown on page 1. This class follows the guidelines suggested by the Center for Counseling and Disabilities Services for those students who qualify for disability services. Please refer to the details in the Midwestern State University Graduate Catalog.

Campus Carry

Senate Bill 11 passed by the 84th Texas Legislature allows licensed handgun holders to carry concealed handguns on campus, effective August 1, 2016. Areas excluded from concealed carry are appropriately marked, following state law. For more information regarding campus carry, please refer to the University's webpage for [details](#). If you have

questions or concerns, please contact MSU Chief of Police Patrick Coggins at patrick.coggins@mwsu.edu.

Midterm Progress Report

To help students keep track of their progress toward course objectives, I might provide a "Midterm Progress Report" through the student's WebWorld account. The reported grade will be ONLY for at-risk students identified around Midterm. The midterm grades will not be reported on the students' transcript, nor will they be calculated in the cumulative GPA. They give students an idea of where they stand at the midpoint of the semester. Students earning below a C at the midway point should schedule a meeting with the professor to plan for improvement during the rest of the semester.

Syllabus Change Policy

This syllabus is a guide for the course and is subject to change. It is not a contract. Syllabus changes will be communicated by notification on D2L and may or may not result in document changes. It is the student's sole responsibility to find out if anything affecting the course requirements has changed. **Please check D2L and related emails regularly!**

Tentative Schedule (See attached), please keep this syllabus as a reference! Students are responsible for all information in the syllabus and any changes to the syllabus, which will be announced in D2L.

Week	Date	Day	Chapter	In Class Topic	Online Activity Due
1	13-Jan	W	1	Doing Business in Digital Times	
	19-Jan	T			Syllabus Quiz, Self Introduction
2	20-Jan	W	2	Data Governance and IT Architecture	
	26-Jan	T			Chapter 2 Discussion, Chapter 2 Assignment
3	27-Jan	W	3	Data Management, Big Data Analytics, and Records Management	
	2-Feb	T			Chapter 3 Discussion, Chapter 3 Assignment
4	3-Feb	W	3	SQL Introduction	
	9-Feb	T			Learn SQL Codecademy
5	10-Feb	W	4	Networks for Efficient Operations and Sustainability	
	16-Feb	T			Exam 1 - Chapter 1-4
6	17-Feb	W	5	Cyber Security and Risk Management	
	23-Feb	T			Chapter 5 Discussion, Chapter 5 Assignment
7	24-Feb	W	6	Search, Semantic, and Recommendation Technology	
	2-Mar	T			Chapter 6 Discussion, Chapter 6 Assignment
8	3-Mar	W	7	Social Networking, Engagement, and Social Metrics	
	9-Mar	T			Chapter 7 Discussion, Chapter 7 Assignment
9	10-Mar	W	8	Retail, E-Commerce and Mobile Commerce	
	16-Mar	T			Exam 2 - Chapter 5-8 and Project Proposal
10	17-Mar	W	13	Project Management and SDLC	
	23-Mar	T			Chapter 13 Discussion, Chapter 13 Assignment
11	24-Mar	W	9	Effective and Efficient Business Functions	
	30-Mar	T			Chapter 9 Discussion, Chapter 9 Assignment
12	31-Mar	W	10	Enterprise Systems	
	6-Apr	T			Chapter 10 Discussion, Chapter 10 Assignment
13	7-Apr	W	11	Data Visualization and Geographic IS	
	13-Apr	T			Chapter 11 Discussion, Chapter 11 Assignment
14	14-Apr	W	12	IT Strategy and Balanced Scorecard	
	20-Apr	T			Exam 3 - Chapter 9-13
15	21-Apr	W		Project Presentation	
Final	28-Apr	W			Project Paper