

Syllabus

MIS 310: Management Information Systems (Spring 2023)

Instructor: Dr. Minder Chen, Professor of MIS

Office Location: Sage Hall 2027

Email: Minder.Chen@csuci.edu

Class Location: Smith Center

Class time: TuTh Sec. 1: 9:00AM - 10:15AM

TuTh Sec. 2: 10:30AM - 11:45AM

Website: Canvas course site

Office Hours: T. & TH. 11:50 am to 1:20 p.m. You still need to email me to request an “office hour” appointment 24 hours in advance.

Alternative in-person or Zoom office hour may be arranged. Send me an email to provide me with several possible time slots and your phone number.

Course Description

This course examines the applications of computer-based information systems to the management of organizations. Topics include use of information to further the organization’s mission and strategy, the role of users, the architecture of information and development of decision-support processes for managers. Technologies and tools such as HTML, database, and spreadsheet will be taught.

Justification and Requirements for the Course

This is a required course for the Bachelor of Science in Business degree. An understanding of the role of information technology systems is essential for students of business. The course will use cases, projects, and in-class exercises to illustrate the use of technology to address problems and opportunities in business organizations. This course will provide business students with the knowledge, skills, and abilities to manage information technology systems effectively. It will also prepare students to formulate and execute IT policies, strategies, plans and procedures.

Prerequisite: COMP 101 or equivalent

Reference Textbook:

I have developed my own lectures slides and assign a collection of free online resources for the class. ***There is no required textbook.*** The following is a free open source book for supporting your learning about MIS.

1. John Gallaugher, *Information Systems: A Manager's Guide to Harnessing Technology*, 2011 (original) under Creative Common License
Here is the link to the book **at no-cost** available at Open Textbook Library:
<https://open.umn.edu/opentextbooks/textbooks/information-systems-a-manager-s-guide-to-harnessing-technology> (Links to an external site.) The Chapter(s) referred in the class schedule are based on this version of the reference book.

2. **Key Online Resources: LinkedIn Learning** via myCI



LinkedIn Learning

Video-based training on
technology and business topics

Learning Objectives:

Upon completion of the course, the student will be able to*:

1. Explain in writing the role of information in management, strategy, tactics, and operations (1,3,5)
2. Describe in writing emergent information technologies and software. (3,5)
3. Describe in writing ethical and social issues relating to information systems. (3,4,5)
4. Identify, conceptualize, and develop solutions as a group for successful information systems management and present them orally and in writing. (1,2,3,5,6)

* Aligns with **Program Learning Outcomes** for: 1) Critical thinking, 2) Oral communication, 3) Written Communication, 4) Conduct (Ethics), 5) Competencies in discipline, 6) Collaboration; You will be assessed formally on your oral communication based on the following [rubric](#) from Association of American Colleges & Universities at aacu.org Your final group project will be used for the oral communication assessment. All students are required to participate in the group project presentation.

Schedule

Date*	Topics	Comments
1/24,1/26	<ul style="list-style-type: none">• Introduction to MIS• Plot-A-Thon (Overview)	Ch. 1, Information as Resources Assign.:Plot-A-Thon (due 2/4)
1/31,2/2	<ul style="list-style-type: none">• Web Technologies and HTML for Web Site Creation	Chapter 12; Assign. 1: HTML (due 2/11)
2/7,2/9	<ul style="list-style-type: none">• Strategy and Technology• Zara Case Study	Ch. 2 (Strategy) & Ch.3 (Zara)
2/14,2/16	<ul style="list-style-type: none">• Internet and Telecommunication• Electronic Commerce• Business Model Canvas (BMC)	Ch. 4 (NetFlix),
2/21,2/23	<ul style="list-style-type: none">• Electronic Commerce• Network Effects	Ch. 6 (Network Effect)
2/28,3/2	<ul style="list-style-type: none">• Web 2.0• Crowd sourcing	Ch. 7 (Social Media)
3/7, 3/9	<ul style="list-style-type: none">• Internet Marketing• Case Study: Google & Facebook	Ch. 8 (Facebook), 14 (Google)
3/14	<ul style="list-style-type: none">• Midterm Exam	
3/16	<ul style="list-style-type: none">• Basic Database Concepts	Ch. 11 (Data Asset) Assign.: Access Database (due 4/1)
3/21, 3/23	Spring Break (No classes)	
3/28, 3/30	<ul style="list-style-type: none">• SQL and Database (I)• Access Demo (I)	Ch.11 (Data Asset)
4/4, 4/6	<ul style="list-style-type: none">• SQL and Database (II)• Access Demo (II)	Ch. 11 (Data Asset)
4/11,4/13	<ul style="list-style-type: none">• Decision Support Systems• Excel Lab Session	Assign.: Excel (Due 4/22)

4/18, 4/20	<ul style="list-style-type: none"> Data Warehouse and Business Intelligence 	Ch. 11 (Data Asset)
4/25, 4/27	<ul style="list-style-type: none"> Excel for Data Analytics (Power Query and Power Pivot) 	Assign.:Advanced Excel (Due 5/4)
5/2, 5/4	<ul style="list-style-type: none"> E-Business: Enterprise Resource Planning (ERP) Enterprise Architecture, IT Infrastructure, Cloud Computing & Moore's Law) Security & Privacy 	Chapter 9 (Software) Ch. 5 (Moore's Law), Ch.10 (Cloud Computing), Ch.13 (Security)
5/9, 5/11	Systems Development Life Cycle (Building Information Systems & Managing IT Project)	Ch. 9 (Software)
5/16(sec 1) 5/18(sec 2)	<ul style="list-style-type: none"> Final Exam (8:00 – 10:00 AM) 	

Grading Information (subject to minor adjustments)

- 5 Major Assignments: 50 points
 - Plot-A-Thon Data Cleaning and Visualization: 5 points**
 - Assignment: HTML: 10 pts.**
 - Access Database:15 pts.**
 - Excel: 15 pts.**
 - Advanced Excel [Pivot Table & Pivot Chart to create a dashboard]: 5 pts.**
- Midterm exam: 25 points
- Final Exam: 25 points

Don't miss any of these assignments. My lectures will cover what you need to know to do these assignments. Study the video lectures and slides that go with lectures and you will do well of the exams. Each exam consists of 50 multiple-choice questions.

Grading Scale

You need a **C- or above to pass this class** if you are a Business Major student.

A	93 +	B -	80 - 82.99	D+	68 - 69.99
A -	90 - 92.99	C +	78 - 79.99	D	63 - 67.99
B +	88 - 89.99	C	73 - 77.99	F	60 - 62.99
B	83 - 87.99	C-	70 - 72.99	F	60 <

Email Requirements

It is your responsibility to check your CSU email account regularly for additional announcements and communications. All email communications to the instructor should have the following subject heading: MIS310 and then following by a summary of the question such as: Assignment 1 HTML Form question. Please specify **which class and class section** you are in.

Readings

Additional reading materials will be assigned to complement the textbook.

Attendance

Attendances are required except for excused absences and advanced notification of the instructor and attendances will be counted as part of your participation in the class.

Equipment

You are required to have access to a PC either at home or on campus. The PC should have adequate software products such as Microsoft Office and other software recommended by the instructor.

CSUCI Disability Statement

Cal State Channel Islands is committed to equal educational opportunities for qualified students with disabilities in compliance with Section 504 of the Federal Rehabilitation Act of 1973 and the Americans with Disabilities Act (ADA) of 1990. The mission of Disability Accommodation Services is to assist students with disabilities to realize their academic and personal potential. Students with physical, learning, or other disabilities are encouraged to contact the Disability Accommodation Services office at (805) 437-8510 for personal assistance and accommodations. Please refer to CSUCI's [Disability Accommodations and Support Services](#) (DASS) website;).

Academic honesty

Academic honest is expected by all the students in this class. Any academic dishonesty will not be tolerated. Academic dishonesty includes such things as cheating, inventing false information or citations, plagiarism and helping someone else commit an act of academic dishonesty. It usually involves an attempt by a student to show possession of a level of knowledge or skill that he/she does not possess. Students in this course should abide by Policy on Academic Dishonesty at [SP 13-06](#).

Disclaimer

The syllabus is subject to change to reflect new materials, assignments, and background of students. Students should check the online version of the syllabus frequently.