Syllabus

MIS 310: Management Information Systems (Fall 2022)

Instructor: Dr. Minder Chen, Professor of MIS
Office Location: Sage Hall 2027

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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.** via **Zoom meeting**.   You still need to email me to request a Zoom "office hour" appointment 24 hours in advance.
Alternative Zoom office hour or in person meeting 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. *All course instructions/exams are delivered online in asynchronous mode.*

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***. It will save you some money. Without affecting our learning experiences and effectiveness.

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.

   LinkedIn Learning
   Video-based training on technology and business topics

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

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
8/23,25	• Introduction to MIS • Technology and Modern Enterprise	Chapter 1, Read reading #1 (Information as Resource)
8/30,9/1	• Web Technologies and HTML for Web Site Creation	Chapter 12; Assignment 1: HTML (due 9/13)
9/6, 8	• Strategy and Technology • Zara Case Study	Ch. 2 (Strategy) & CH.3 (Zara)
9/13,15	• Internet and Telecommunication • Electronic Commerce • Business Model Canvas (BMC)	Ch. 4 (NetFlix),
9/20,22	• Electronic Commerce • Network Effects	Ch. 6 (Network Effect)
9/27, 29	• Web 2.0 • Crowd sourcing	Ch. 7 (Social Media)
10/4, 6	• Internet Marketing • Case Study: Google • Case Study: Facebook	Ch. 8 (Facebook), 14 (Google)
10/11	• **Midterm Exam**	
10/13	• Basic Database Concepts	Ch. 11 (Data Asset) Assignment 2: Access Database (due 11/1)
10/18, 20	• SQL and Database (I) • Access Demo (I)	Ch.11 (Data Asset)
10/25, 27	• SQL and Database (II) • Access Demo (II)	Ch. 11 (Data Asset)

11/1, 3	• Decision Support Systems • **Excel Lab Session**	Assign.3: Excel (Due 11/11) Assign.4: Advanced Excel (Due 11/22)
11/8, 10	• Data Warehouse and Business Intelligence	Ch. 11 (Data Asset)
11/15, 17	• E-Business: Enterprise Resource Planning (ERP)	Chapter 9 (Software)
11/22 **11/24** (Thanksgiving NO class)	• Enterprise Architecture, IT Infrastructure, Cloud Computing & Moore's Law) • Security & Privacy	Ch. 5 (Moore's Law), Ch.10 (Cloud Computing), Ch.13 (Security)
11/29,12/1	• Systems Development Life Cycle (Building Information Systems & Managing IT Project)	Ch. 9 (Software)
12/6(sec 1) **12/8(sec 2)**	• **Final Exam**	

Grading Information

- 4 Major Assignments: 50 points ➔You should and could start the two Excel assignments earlier.

    1. **HTML**: 10 pts.
    2. **Access Database**:15 pts.
    3. **Excel**: 15 pts.
    4. **Advanced Excel** [Pivot Table & Pivot Chart to create a dashboard]: 10 pts.

- Midterm exam: 25 points
- Final Exam: 25 points

    Don't miss any of the assignments. Study the video lectures and slides that go with them to do well of the two 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.

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.