**Syllabus**

**MIS 310: Management Information Systems (Fall 2021)**

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| Instructor: Dr. Minder Chen, Professor of MIS | Class Location: Smith Center Class time: In-Person |  |
| Email: Minder.Chen@csuci.edu  | Office Location:  Sage Hall 2027Website: Canvas course site |  |
| **Office Hours**: Wednesday 4-6 p.m. via Zoom meeting. You still need to email me at minder.chen@csuci.edu to request a Zoom “office hour” appointment 6 hours in advance. **Alternative Zoom office hour** visits can 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. \*\* **Purchase of the reference book is not required**.

1. John Gallaugher, Information Systems: A Manager's Guide to Harnessing Technology, v. 8.0 at <https://students.flatworldknowledge.com/course/2592255>  This is absolutely optional. Online access of the book costs $39.95 and will be enough if you really want to have access to this edition. (*The Chapter refer to in the schedule of the syllabus is based on this version*)
2. John Gallaugher, Information Systems: A Manager's Guide to Harnessing Technology, 2011 (original) under Creative Common License
This version is a much older version.
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.)](https://open.umn.edu/opentextbooks/textbooks/information-systems-a-manager-s-guide-to-harnessing-technology)

**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](http://faculty.csuci.edu/minder.chen/mis310/OralCommunication.doc) 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**

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| **Date\*** | **Topics** | **Comments** |
| 8/25 | * Introduction to MIS
* Technology and Modern Enterprise
 | Chapter 1, [Read reading #1](http://minderchen.cikeys.com/wp-content/uploads/reading/InformationResource.pdf) (Information as Resource) |
| 9/1 | * Web Technologies and HTML for Web Site Creation
 | Chapter 16; Assignment 1: HTML (due 9/10)  |
| 9/8 | * Strategy and Technology
* Zara Case Study
 | Chapter 2 (IT Strategy) & 3(Zara), 6 (Disruptive Technologies) |
| 9/15 | * Internet and Telecommunication
* Electronic Commerce
* Business Model Canvas (BMC)
 | Chapter 4, 7(Amazon), 8, 10, 16;  |
| 9/22 | * Electronic Commerce
* Network Effects
 | Chapter 4 (NetFlix), 7 (Amazon), 8 (Network Effect), 10 (Sharing Economy), 12 (Rent-The-Runway) |
| 9/29 | * Web 2.0
* Crowd sourcing
 | Chapter 9 (Social Media) |
| 10/6 | * Internet Marketing
* Case Study: Google
* Case Study: Facebook
 | Chapter 11 (Facebook), 18 (Google);  |
| 10/13 | * **Midterm Exam Taking Online**

You may start between 6:00 pm – 7:00 pm | Once you start the exam, you have 70 minutes to complete. |
| 10/20 | * Basic Database Concepts
* SQL and Database (I)
* Access Demo (I)
 | Chapter 15Assignment 2: Access Database (due 11/10**)**  |
| 10/27 | * SQL and Database (II)
* Access Demo (II)
 |  Chapter 15 |
| 11/3 | * Decision Support Systems & Excel
* **Excel Lab Session**
* Video: Automated Storytelling ([video](http://vimeo.com/50722027); [article](http://www.wired.com/2012/04/can-an-algorithm-write-a-better-news-story-than-a-human-reporter/all/)) Humanizing the "big" data.
* Using Excel for Infographics ([video](https://www.youtube.com/watch?v=8um7jaOw_vA))
* Which Chart or Graph Is Right for you ([link](http://theathenaforum.org/sites/default/files/WHich%20chart%20is%20right%20for%20you.pdf))
 | Assignment 3: Excel (Due 11/24)  Chapter 15 |
| 11/10 | * Data Warehouse and Business Intelligence
* Big Data (Ted Talk: Big data is better data [video](https://www.ted.com/talks/kenneth_cukier_big_data_is_better_data)) (Lynda.com Techniques and Concepts of Big Data with Barton Poulson [video](http://www.lynda.com/Hadoop-tutorials/Techniques-Concepts-Big-Data/158656-2.html))
 | Chapter 15 |
| 11/17 | * E-Business: Enterprise Resource Planning (ERP)
 | Chapter 13  |
| 11/24 | * Enterprise Architecture, IT Infrastructure, Cloud Computing & Moore’s Law)
* Security & Privacy
 | Chapter 5 (Moore’s Law), 14(Cloud computing), 17 (Security) |
| 12/1 | * Systems Development Life Cycle (Building Information Systems & Managing IT Project)
 | Chapter 14 |
| 12/8 | * **Final Exam**

You may start between 7:00 pm - 8:00 pm  | Once you start the exam you have 70 minutes to complete. |

**Grading Information**

* Class participation (including short quizzes, online discussion forum participations, and other small assignments): 10%
* 3 Assignments: 40% (HTML: 10 pts.; Access Database:15 pts.; Excel: 15 pts.)
* Midterm exam: 25%
* Final Exam: 25%

**Grading Scale**

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

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| 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 brief 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 (see [University Policy](http://www.csuci.edu/academics/catalog/2008-2009/12_policiesandregulations/28_classattendance.htm)) 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.
 **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 <http://senate.csuci.edu/policies/2002-2003/SP02-01.pdf>
 **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.