MGT 027: Management Information System

Term: 2020 Winter Session
Instructor: Staff
Language of Instruction: English
Classroom: TBA
Office Hours: TBA

Class Sessions Per Week: 6
Total Weeks: 4
Total Class Sessions: 25
Class Session Length (minutes): 145
Credit Hours: 4

Course Description:

This course provides the background necessary for understanding the role of information systems in organizations and for using computer tools and technology in solving business problems. Topics include organizational and technical foundations of information systems, theory of information systems design, fundamental database principles, network systems, e-commerce and supply chain systems, information network security management, and meeting global challenges. Microsoft Excel, Access, PowerPoint and Project are used to demonstrate selected topical concepts.

Learning Outcomes:

Upon successful completion of this course, the student will be able to do the following:

● Describe the principles of a management information system and explain how computers process data into useful information in business context

● Analyze the relationship among ethical, social, and political issues that are raised by information systems and how they affect everyday life

● Evaluate the tools and technologies for safeguarding information resource

● Demonstrate the use of common application software including Word, PowerPoint, Access, Excel, and Project to support business processes

● Identify and describe the principal technologies and standards for networking communication and Internet access and how they support communication and e-business

● Demonstrate an understanding of the foundations of e-commerce and supply chain systems

● Evaluate the role of information systems in helping people working individually and in groups make decisions more effectively

● Demonstrate an understanding of current global information system issues

Course Materials:

Introduction to Information Systems (7th Edition), 2017, Authors: Rainer, Prince and Cegielski,

Publisher: Wiley

Language: English

ISBN-10: 1119403502

ISBN-13: 978-1119403500

Course Format and Requirements:

Classes will start and end on time. Regular attendance is expected. Late entry or reentry to a class session is allowed only under exceptional circumstances. All phones, laptops and other electronic devices should be turned off.

Regular class presence is required. Attentive participation and informed discussions are critical to the learning process; they make classes more interesting and enjoyable for all the students. Students are encouraged to volunteer substantive comments and questions freely.

Attendance:

Although attendance is not an explicit part of the grading scheme, failure to attend lectures and labs often results in poorer grades due to students missing lecture-specific and lab-specific materials and misunderstanding of materials and/or requirements.

Grading Scale:

A+: 98%-100%
A: 93%-97%
A-: 90%-92%
B+: 88%-89%
B: 83%-87%
B-: 80%-82%
C+: 78%-79%
C: 73%-77%
C-: 70%-72%
D+: 68%-69%
D: 63%-67%
D-: 60%-62%
F: Below 60%

Course Assignments:

*NOTICE: No make-up exams are offered unless you have a written excuse from your doctor or the University.

Quizzes

There will be 5 quizzes administered through the whole semester and the LOWEST two scores will be dropped. Quizzes will always be completed in the first ten minutes of class. The quiz problems will be similar to problem sets and examples on slides. There will be no make-up quizzes.

Exams:

Midterm Exam

There will be one midterm exam in this course. The midterm exam will be based on concepts covered in class. They will be in-class, close-book and non-cumulative.

Final Exam

The final will be cumulative and close-book. Note that the final will not be taken during the normal class times. Exact time and location for final will be announced later.

Computer lab:

A significant laboratory component will be integrated and will complement the classroom by focusing on: creating Entity Relationship Diagrams using PowerPoint, building a database using Microsoft Access, building a database-enabled web-site using Microsoft SharePoint Designer and creating structured project plans using Microsoft Project.

Individual Assignments

Assignment A (Entity Relationship Diagramming)

Assignment B (Building a database using Access)

Assignment C (Web-site construction)

These assignments are all individual works that would be randomly assigned to certain week's topics. Pay attention that the skills and knowledge would enhance students understanding about the topic and would serve as a part of the exams. **ALL assignments (A, B, C and D) require skills learned during the labs.**

Course Assessment:

5 Quizzes	15%
Midterm Exam	20%
Computer lab	20%
Individual Assignments	15%
Final Exam	25%
Attendance	5%
Total	**100%**

Course Schedule:

Week/Class	Course Content	Course Assignments
Week 1/Class 1	Course syllabus+Course overview Chapter 1 Introduction to Information System	
Week 1/Class 2	Chapter 1 Introduction to Information System	Quiz 1
Week 1/Class 3	Chapter 2 Organizational Strategy, Competitive Advantage and Information System	Computer Lab 1 and 2 Quiz 2

Week 1/Class 4	Chapter 2 Organizational Strategy, Competitive Advantage and Information System	
Week 1/Class 5	Chapter 3 Ethics and Privacy	
Week 1/Class 6	Chapter 3 Ethics and Privacy Chapter 4 Information Security	
Week 2/Class 7	Chapter 4 Information Security	Quiz 3 Computer Lab 3, 4 and 5 Assignment A
Week 2/Class 8	Chapter 5 Data and Knowledge Management	
Week 2/Class 9	Chapter 5 Data and Knowledge Management	
Week 2/Class 10	Chapter 6 Telecommunication and Networking	
Week 2/Class 11	Chapter 6 Telecommunication and Networking Review for Midterm Exam	
Week 2/Class 12	**Midterm Exam**	
Week 3/Class 13	Chapter 7 E-Business and E-Commerce	Quiz 4 Computer Lab 6, 7 and 8 Assignment B
Week 3/Class 14	Chapter 7 E-Business and E-Commerce Chapter 8 Wireless, Mobile Computing, and Mobile Commerce	
Week 3/Class 15	Chapter 8 Wireless, Mobile Computing, and Mobile Commerce	
Week 3/Class 16	Chapter 9 Social Computing	
Week 3/Class 17	Chapter 9 Social Computing Chapter 10 Information System within the Organization	
Week 3/Class 18	Chapter 10 Information System within the Organization	
Week 4/Class 19	Chapter 11 Customer Relationship Management and Supply Chain Management	Quiz 5 Computer Lab 9 and 10 Assignment C
Week 4/Class 20	Chapter 11 Customer Relationship Management and Supply Chain Management Chapter 12 Business Analytics	
Week 4/Class 21	Chapter 12 Business Analytics	

Week 4/Class 22	Chapter 13: Acquiring Information System and Applications	
Week 4/Class 23	Hardware and Software	
Week 4/Class 24	Cloud Computing and Artificial Intelligence	
Week 4/Class 25	Review for Final Exam	
Final Exam (Cumulative): TBA		

Academic Integrity:

Students are encouraged to study together, and to discuss lecture topics with one another, but all other work should be completed independently.

Students are expected to adhere to the standards of academic honesty and integrity that are described in the Shanghai Normal University's *Academic Conduct Code*. Any work suspected of violating the standards of the *Academic Conduct Code* will be reported to the Dean's Office. Penalties for violating the *Academic Conduct Code* may include dismissal from the program. All students have an individual responsibility to know and understand the provisions of the *Academic Conduct Code*.

Special Needs or Assistance:

Please contact the Administrative Office immediately if you have a learning disability, a medical issue, or any other type of problem that prevents professors from seeing you have learned the course material. Our goal is to help you learn, not to penalize you for issues which mask your learning.