



蘇州大學  
Soochow University

# CS 170 Business Information System

Summer 2023

**Course Credits:** 4

**Contact Hours:** 55 hours

**Instructor:** TBA

**Email:**TBA

## COURSE OBJECTIVES

The focus of the course is on the use of information systems for business analysis and intelligence, and, as such, it offers student a thorough grounding in information tools for the modern business environment. Student develop a firm understanding of business information and organization structures as well as skills in using the software for designing and developing information systems.

Upon Completion of this Course, students will be able to:

1. explain fundamental assumptions made in studying information and communications technologies in organizations;
2. explain the various functions of systems and network software and various classes of business-oriented application packages;
3. describe fundamental principals that can be applied to ensure that security and personal privacy is respected in information systems;
4. evaluate situations and solutions and make appropriate choices in relation to the use of information systems to solve business problems in a dynamic environment.

## PREREQUISITES

None

## GRADING

Grades will be determined by accumulating points, with 100 points being the maximum, as follows:

**ITEM**

**POINTS**



2 Assignments	20 Points
2 Quizzes	20 Points
Midterm	25 Points
Final Exam	35 Points
Total	100 Points

Late submissions will be graded at the end of the course. Grades will be assigned according to the following rule:

$A \geq 90 > B \geq 80 > C \geq 70 > D \geq 60 > F$ .

We reserve the right to make adjustments to the overall grading policy.

## COURSE MATERIALS

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### **Required Texts:**

Laudon, K.C. and Laudon, J.P., *Essentials of Management Information Systems: Organization and Technology* in the Networked Enterprise, 4th ed., Prentice-Hall, 2001.

### **Recommended (Optional) Texts or Other Materials:**

None.

## COURSE TOPICS

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<b>MODULE</b>	<b>TASKS</b>
Module 1	<b>Topics:</b> Topic 1: The Components of Information Systems Topic 2: Information Technologies: Hardware and Software Topic 3: Technical Foundations of Database Management Topic 4: Components of a Database Application System <b>Assessments:</b> Assignment #1
Module 2	<b>Topics:</b> Topic 5: Data Communication and Internet Technology Topic 6: The Wired and Wireless Networked Enterprise Topic 7: Security Issues Topic 8: Building Database Queries, Forms, and Applications <b>Assessments:</b> Quiz #1



Module 3	<b>Topics:</b> Topic 9: The Roles and Functions of Information Systems Topic 10: New Models of Organizing Topic 11: Information Systems Development Approaches Topic 12: Life Cycle, Prototyping and Incremental Models <b>Assessments:</b> Assignment #2 Midterm Exam
Module 4	<b>Topics:</b> Topic 13: Systems Analysis Tasks, Methodologies, Modelling and Agile Methods Topic 14: Data Modelling and Systems Implementation Topic 15: Criteria for Successful Applications Development Topic 16: User Rights and Responsibilities <b>Assessments:</b> Quiz #2
Module 5	<b>Topics:</b> Topic 17: Information Security Topic 18: Ethical and Social Impact of Information Systems Topic 19: Excel for Spreadsheets and Access for Databases Topic 20: Final Exam Review <b>Assessments:</b> Final Exam

## ATTENDANCE

1) Class attendance is required. Missing classes without permission will lead to decrease in overall grade.

Missing less than two classes: no penalty.

Missing more than two classes: 7% will be taken off from the overall grade.

If the instructor reports a student's frequent missing of class to the Soochow University Academic Administration Office, the student might get a written warning and might be prohibited from attending final exam.

2) Participants in this course are expected to arrive in class promptly and adequately prepared. The primary objective of this course is to critically engage with the readings and the subject matter. Therefore, course participants are expected to have completed the reading prior to class and prepare thoughtful reflections/commentaries to share with fellow colleagues.



## **LEARNING REQUIREMENTS**

- 1) Late assignments are not acceptable and are subjected to grade deductions.
- 2) Assignments submitted in the wrong format will be counted as not submitted.
- 3) Failure to submit or fulfill any required course component results in failure of the class.
- 4) Make-up for midterm and final exams only with valid excuses, as defined by the University.
- 5) In order to earn a Certificate of Completion, participants must thoughtfully complete all assignments by stated deadlines and earn an average quiz score of 50% or greater.

## **TECHNOLOGY POLICY**

The use of electronic devices in class is distracting, both for the user and for the rest of the class. Only non-programmable calculators can be used in the tests and exam. Any attempts to use cell phones and other electronic communication devices will be seemed as cheating. Laptops are discouraged, unless you use them for activities DIRECTLY related to the course (eg., note taking, reading course documents).

## **ACADEMIC INTEGRITY POLICY**

Soochow University highly values the academic integrity and aims to promote the academic fairness, honesty and responsibility. Any academic dishonesty behaviors and any attempts to cheats and plagiarism will be reported to the university administration office. A written warning and the relevant penalties will be imposed. The record might be shown on the official university transcript.

## **DISABILITY ACCOMMODATION**

Soochow University is committed to maintaining a barrier-free environment so that students with disabilities can fully access programs, courses, services, and activities at Soochow University. Students with disabilities who require accommodations for access to and/or participation in this course are welcome.

Note:



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Please contact the University 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.