



蘇州大學  
Soochow University

# CS 114 Information and Technology

Summer 2024

**Course Credits:** 4

**Contact Hours:** 56 hours

**Instructor:** TBA

**Email:** TBA

## COURSE OBJECTIVES

---

This course is designed to provide students with a holistic understanding of the intersection between information, people, and technology in contemporary society. This foundational course explores essential concepts, principles, and ethical considerations within the realm of information sciences and technology. Students will develop critical thinking skills, technological literacy, and an awareness of the societal impact of information technologies.

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

1. Understand concepts, principles, and ethical considerations of information sciences and technology.
2. Analyze and assess the impact of technology on individuals, organizations, and society while considering ethical implications.
3. Demonstrate effective information literacy skills, encompassing information retrieval, evaluation, and synthesis.
4. Work collaboratively in teams, applying effective communication skills to solve problems and present solutions.
5. Develop fundamental technological proficiency in utilizing common software applications and digital tools.

## PREREQUISITES

---

N/A



## GRADING

---

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

ITEM	POINTS
4 Homework	20 Points
Midterm	30 Points
2 Group Projects	20 Points
Final Exam	30 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

---

### Required Texts:

*Information systems today: managing in the digital world*, Valacich, Joseph S.;Schneider, Christoph, Pearson, 2018.

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

None

## COURSE TOPICS

---

MODULE	TASKS
Module 1	<p><b>Topics:</b>  Topic 1: Definition and evolution of information systems  Topic 2: Technology and Society  Topic 3: Social implications of technology  Topic 4: Information Literacy Skills</p> <p><b>Assessments:</b>  Homework#1</p>



Module 2	<b>Topics:</b> Topic 5: Techniques for effective information retrieval Topic 6: Critical evaluation of information sources Topic 7: Collaborative Technologies Topic 8: Digital tools for collaboration <b>Assessments:</b> Homework#2 Group Project 1
Module 3	<b>Topics:</b> Topic 9: Ethics in Information Technology Topic 10: Privacy, security, and ethical responsibilities Topic 11: Digital Communication Topic 12: Impact of digital communication on interpersonal relationships <b>Assessments:</b> Homework#3 Midterm#1
Module 4	<b>Topics:</b> Topic 13: User Experience (UX) Design Topic 14: Usability testing and feedback analysis Topic 15: E-commerce and Digital Business Topic 16: Social Media and Networking <b>Assessments:</b> Homework#4 Group Project 2
Module 5	<b>Topics:</b> Topic 17: Digital Citizenship Topic 18: Legal and Regulatory Aspects of IT Topic 19: Project Management in IT Topic 20: IT in a Global Context <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.



蘇州大學  
Soochow University

## **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:

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.