

Course Information

Semester & Year:	Fall 2024
Course Title:	Survey of Computer Information Systems
Course Prefix & Number:	CIS 105
Section Number:	35475
Credit Hours:	3.0
Start Date:	September 4, 2024
End Date:	December 13, 2024
Room Number:	CM 447
Meeting Days:	Mondays and Wednesdays
Meeting Times:	10:30 – 11:50 AM

Course Format

The course format for this course is IN-PERSON, from 9/4/2024 – 12/13/2024.

Instructor Information

Instructor:	Dr. Sean Geraghty
Email:	sean.geraghty@scottsdalecc.edu or Canvas Message (preferred)
Phone:	480-423-6257 (CIS Department)
Office Location:	CM Building, Office CM-408 Online: Sean Geraghty's Virtual Room - CIS105
Office Hours:	Mon, Tue, Wed, Fri 9:00 am – 10:00 am; Thu 5:00 pm – 6:00 pm
CIS Study Lab:	CM Building, Room CM-446
Lab Hours:	Mon, Tue, Wed 2:00 pm – 3:00 pm

Course Description

Overview of computer technology, concepts, terminology, and the role of computers in business and society. Discussion of social and ethical issues related to computers. Use of word processing (Word), spreadsheet (Excel), database (Access), and presentation software (PowerPoint). Includes uses of application software and the Internet for efficient and effective problem solving. Exploration of relevant emerging technologies.

Prerequisites

None.

Course Competencies

1. Identify common hardware components of computer systems and describe their uses. (I)
2. Identify different types of software and their uses. (II)
3. Describe common uses of networks. (III)
4. Describe Website Technology. (IV)
5. Use the Internet to communicate, collaborate, and retrieve information. (IV, VII)
6. Explore system security and privacy issues. (III, IV, VII)
7. Create macros and understand the basics of Visual Basic for Applications (VBA). (V)
8. Describe the steps in planning and implementing technology solutions. (VI)
9. Determine when technology is useful and select the appropriate tool(s) and technology resources to address a variety of tasks and problems. (VI, VIII)
10. Identify terminology and the uses of technology in business and society, including limitations. (VI)
11. Identify positive social and ethical behaviors when using technology and the consequences of misuse. (VII)
12. Describe how technology is used in the departments of a business and in various career paths. (VIII)
13. Use word processing, spreadsheet, database, and presentation software. (IX)

Texts and Course Materials

MyLab IT Access Code (price \$95.00) which includes a Web-based learning environment with eTexts:

- *Technology in Action, Comprehensive, 17th edition* by Evans, Alan et. al.
- *Exploring Microsoft 365: Office 2021* by Poatsy, Mary Anne et. al.

Required Software

- **Microsoft Office 2021 (locally installed version)**
 - Download **MS Office Professional 2021 for Windows** or **Mac OS** at NO charge from my.maricopa.edu
 - OR –
 - Use [mySCC](#) to access a multitude of software applications, both on and off campus!

Course Technologies

View the [Accessibility Statements & Privacy Policies](#) of technologies used in this course.

Maricopa Systems

This course uses key Maricopa systems for course management and communication.

- Canvas Learning Management System
- Student Maricopa Gmail Account

Synchronous Communication Tools

This course implements the use of web conferencing and/or other synchronous course tools.

- BigBlueButton

Streaming Media/Audio/Video Tools

This course uses webcasting, lecture capture systems, YouTube, and/or other streaming media services.

- YouTube

Student Assignment Tools

This course requires students to participate in or submit assignments using desktop or cloud-based applications.

- Google Products
- [Microsoft Office 365: Word, Excel, PowerPoint, Access](#)

Exam Proctoring Tool

Respondus LockDown Browser

Respondus LockDown Browser secures online exams by locking down the testing environment within Canvas. LockDown Browser prevents access to other applications, and many common functions on a computer while an assessment is active. Some of the exams in this course require the use of this software. A LockDown Browser download link will be provided within the Canvas course. For further information, see the [Student Resources](#) page provided. For your reference, read the [System Requirements for LockDown Browser](#) and [LockDown Browser Terms of Use](#).

Please note that Respondus LockDown Browser with Monitor requires a room scan prior to all testing sessions.

Course Policies

The following are policies specific to this course. Students are also responsible for the college policies included on the [Student Regulations](#) page of the Maricopa Community College District website.

- Classes include lecture, discussion, and hands-on exercises.
- To complete this course, **you will need** access to a **reliable, working computer (with webcam, speakers, and microphone), your Maricopa Gmail account, your Canvas account, and Microsoft Office 2021 (desktop/local installation).**
- Complete assigned readings **PRIOR** to class and **take notes during class**. Some concepts presented **are NOT** in the eText and will be included on exams.
- All assignments **MUST** be submitted by the published **DUE DATES**.
- You **MUST** complete this class by the course end date of **December 13, 2024**.

Generative Artificial Intelligence (AI) Policy

Opening Statement Regarding Generative Artificial Intelligence (AI)

The World Economic Forum defines generative AI as “a category of artificial intelligence (AI) algorithms that generate new outputs based on the data they have been trained on. Unlike traditional AI systems that are designed to recognize patterns and make predictions, generative AI creates new content in the form of images, text, audio, and more.”

Some examples of generative AI tools include but are not limited to: ChatGPT, Google Bard, Microsoft Copilot, Stable Diffusion, GrammarlyGo, and Adobe Firefly.

No Generative Artificial Intelligence (AI) Allowed

In this class, all work submitted must be your own. The use of generative AI tools will be considered academic misconduct (see Administrative Regulation 2.3.11 1 .B(b)) and will be treated as such. If you are unsure if the tool or website you are using is a generative AI tool, please contact the instructor for further clarification before using it.

Grading Standards & Practices

Grading Item	% of Total Grade
Assignments and Quizzes	60.0%
Exam 1	7.5%
Exam 2	7.5%
Final Exam	25.0%
TOTAL POSSIBLE	100.0%

Final grades are based on the following scale with borderline grades decided by class participation.

Final Grade	Grade %
A	90.0% - 100.0%
B	80.0% - 89.9%
C	70.0% - 79.9%
D	60.0% - 69.9%
F	< 59.9%

Quizzes, Assignments, and Exams

- Homework/In-class assignments sharpen your knowledge of the course materials and prepare you for exams.
 - In-class assignments are due at the **end** of the assigned class period.
 - Assigned readings, quizzes, and simulations are due **BEFORE** class begins on the due date.
 - Other homework assignments are due at **11:59 PM** on the due date.
 - Late homework **will NOT** be accepted.
- Computer/technical issues will NOT be tolerated as an excuse for an instructor to accept late work. Students should have access to the technology needed to complete assignments and to finish homework on time.

- To receive full credit on an assignment, you must meet ALL the assignment objectives AND your work must be professional (i.e., no typos, no spelling errors, no grammatical errors, etc.).
- Missed in-class assignments and participation activities **cannot be made-up**.
- **Exam 1, Exam 2, and Final Exam** will be closed book, closed notes. You must sit for the Final Exam in order to pass this course.
- To take an exam at a different time, you must receive permission **AT LEAST one week prior to the scheduled date** or have a documented emergency. **Failure to do so will result in a ZERO for the exam.**
- If you have an emergency or extreme personal crisis, a make-up will be allowed **ONLY IF you contact your instructor** (via Canvas message or e-mail) **within 24 hours** of the scheduled exam time and provide the appropriate documentation. **Note: the make-up exam may be more difficult and a point reduction may be applied.**

Grading Feedback and Response Time

- Students are encouraged to ask questions, via Canvas message or e-mail (your Maricopa Gmail account) as they work through assignments.
- Students can expect an e-mail/Canvas message response in 24 to 48 hours, Monday through Saturday.
- **Sunday is your instructor's day off.** I will NOT check Canvas or e-mail on Sundays so plan accordingly.
- It is your responsibility to monitor your grades in Canvas. All assignments will be submitted through Canvas and your grade and feedback can be reviewed in Canvas.
- Students can expect assignments to be graded within 5 days of the due date.

Academic Conduct and Honesty

In addition to the general college Academic Honesty policy stated in the CANVAS course under the Course and College Policies section, the following additional policies apply to his course.

The highest standards of academic integrity are expected of all students. The failure of any student to meet these standards may result in suspension or expulsion from the College or other sanctions as specified in the Scottsdale Community College Academic Integrity Policy. Violations of academic integrity include, but are not limited to, cheating,

fabrication, tampering, plagiarism or facilitating such activities. Specific examples of academic misconduct relating to this course include:

- Copying another student's work and submitting it as one's own.
- Submitting another student's file as your own.
- Working jointly on an assignment, with each student turning in a copy of the joint product, creating the impression that each student completed the work independently.

Note: Each student must complete his/her *own* work on his/her *own* computer with his/her *own* data files. If you are caught turning in another student's work, **both students will receive a zero and may be withdrawn from the course for academic misconduct with a grade of "Y". Cheating on an exam will result in immediate withdrawal from the course for academic misconduct with a grade of "Y".**

Attendance Policy

- Attendance is required in this course. In accordance with state law, attendance may be taken during each class meeting. If you are absent, arrive late for class, or leave early, you are responsible for ALL material covered during that class meeting.
- **After 6 absences (excused or unexcused), you may be withdrawn from this class. If you decide to drop this class, you must submit an official Withdrawal Form.**
- The official date of withdrawal is the last date of attendance as determined by the student's withdrawal or as reported by the instructor. The official date of withdrawal will determine the degree of refund, if any. See Refund Policy in the [2023-2024 College Catalog](#).

Instructional Contact Hours (Seat Time)

This is a three (3) credit-hour course. Plan to spend at least 3 hours on course content or seat time (direct instruction) and 6 hours on homework weekly. Accelerated courses will require additional time per week.

CIS Study Lab

We urge CIS students to utilize the **CIS Study Lab in CM 446**. This lab is used for hands-on class work and is staffed with CIS instructors. Any SCC student currently enrolled in a CIS course may use this lab. A detailed lab schedule with instructor assigned times is posted in your CANVAS course.

For **Fall 2024**, the CIS Study Lab will host both in-person and virtual hours. Please check the [current schedule](#) for times and locations.

Online Tutoring

NOTE: It is highly recommended that you utilize our CIS Study Lab (see above section) because SCC CIS instructors are more familiar with your coursework, instructor expectations, and assignments.

However, if you need to work with a tutor outside regular hours, online and hybrid students now have access to a 24/7 online tutoring service called Brainfuse. Brainfuse provides online tutoring in a variety of academic subjects. Each student may utilize up to 6 hours of online tutoring through Brainfuse per semester, and has the option of requesting additional time if needed.

To access Brainfuse and begin working with a tutor:

1. Visit the [SCC Online Tutoring Services Through Brainfuse](https://www.scottsdalecc.edu/students/tutoring/online-tutoring) page (<https://www.scottsdalecc.edu/students/tutoring/online-tutoring>)
2. Click the **Visit a tutor online** button
3. Enter your MEID and password
4. Choose your topic and subject
5. Click the **Connect** button

Please use your time effectively and be prepared with your questions before you connect to a tutor. Tutors and students communicate in real-time so whatever you type, draw, or share on the screen, the tutor sees, and vice versa. You may also want to have screenshots ready if applicable. All Brainfuse sessions are recorded for review later.

Learning Tools and Your Privacy and Security

SCC utilizes a variety of software applications and web-based tools operated by third party vendors to support student learning. To allow student access to the application, site or tool, certain identifiable information may be required to establish a user name or password, and submit work and/or download information from these tools. Inherent with all internet-based tools, there is a risk that individuals assume when electing to use these tools, as they may place information at risk of disclosure.

In this course, we will use **MyLab IT**, a web-based third-party tool, to complete or participate in assignments, activities, and/or access course materials.

To use learning tools responsibly, please observe all laws and the Maricopa Community College District [Student Conduct Code](#), such as copyright infringement, plagiarism, harassment or interference with the underlying technical code of the software. As a student using a learning tool, you have certain rights. Any original work that you produce belongs to you as a matter of copyright law. You also have a right to the privacy of your educational records. Your contributions to learning tools constitute an educational record. By using the tool, and not taking other options available to you in this course equivalent to this assignment that would not be posted publicly on the internet, you consent to the collaborative use of this material as well as to the disclosure of it in this course and potentially for the use of future courses.

CIS 105, Section 35475 – Fall 2024 COURSE OUTLINE

WK	DATE	TOPIC	ASSIGNMENT
1	Sep 2 Sep 4	NO Class 9/2 – Labor Day Computer Fluency and Understanding Hardware	TIA: Ch 1 & 2
2	Sep 9 Sep 11	Understanding Hardware (cont) Application & System SW	TIA: Ch 6, TIA: Ch 4, 5
3	Sep 16 Sep 18	Word Processing Word Processing (cont.)	Word: Ch 1 & 2 Word: Ch 3 & 4
4	Sep 23 Sep 25	Word Processing (cont.); Review for Exam 1 EXAM 1 (TIA Ch 1, 2, 4-6, Windows 11, Word)	
5	Sep 30 Oct 2	Spreadsheets Spreadsheets (cont.)	Excel: Ch 1 Excel: Ch 2
6	Oct 7 Oct 9	Spreadsheets (cont.) Spreadsheets (cont.)	Excel: Ch 3 Excel: Ch 5
7	Oct 14 Oct 16	Spreadsheets (cont.) Spreadsheets (cont.)	Excel: Ch 11 Excel: Macros
8	Oct 21 Oct 23	Networking Presentation Graphics	TIA: Ch 7 PowerPoint: Ch 1
9	Oct 28 Oct 30	Databases Internet	Access: Ch 1 & 2 TIA: Ch 3
10	Nov 4 Nov 6	EXAM 2 (TIA Ch 3 & 7, Excel, Access Ch 1-2) Databases (cont.)	Access: Ch 2 & 3
11	Nov 11 Nov 13	NO Class 11/11 – Veterans Day Databases (cont.)	Access: Ch 4
12	Nov 18 Nov 20	Mobile Devices Privacy and Security	TIA: Ch 8 TIA: Ch 9
13	Nov 25 Nov 27	Databases (cont.) VBA	Access: Macros (.pdf) Access: VBA (.pdf)
14	Dec 2 Dec 4	VBA Review for Final Exam	Access: VBA (.pdf)
15	Dec 9	FINAL EXAM (Comprehensive) (TIA Ch 1-9, Word, Excel, PPT, Access, VBA)	

Students are responsible for the information contained in this syllabus, the Syllabus page in your Canvas course and the **College Policies & Student Services** page found in the First Steps module of your Canvas course. Students will be notified by the instructor of any changes in course requirements or policies.