



## SYLLABUS

COLLEGE OF COMPUTING AND SOFTWARE ENGINEERING  
DEPARTMENT OF SOFTWARE ENGINEERING AND GAME DESIGN  
CSE 1321/51: PROGRAMMING AND PROBLEM SOLVING I  
SPRING 2024

**Class meeting time:** *Mondays, Wednesdays, and Fridays from 11:15am EST to 12:05pm EST*

**Modality and Location:** *In-Person in Academic Learning Center Room 1100 on the Kennesaw Campus*

## Instructor Information

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**Name:** Douglas Malcolm

**Email:** [Douglas.Malcolm@kennesaw.edu](mailto:Douglas.Malcolm@kennesaw.edu)

**Office Location:** Atrium (J) Building, J-353D on the Marietta Campus

**Office Hours:**

Office Hours are by appointment and virtual due to being on multiple campuses:

Please email me at [Douglas.Malcolm@kennesaw.edu](mailto:Douglas.Malcolm@kennesaw.edu) using your KSU Student Email. Make sure to include the course name and section along with several days and times that you are available to meet so that I can pick a time and send a Teams invitation.

I am also willing to meet before or after class with my in-person students.

### **Preferred method of communication:**

Email me ([Douglas.Malcolm@kennesaw.edu](mailto:Douglas.Malcolm@kennesaw.edu)), please make sure to use your KSU Student Email to contact me and to include which course and section you are enrolled in with me.

I do not like using the D2L Messages as it is harder to send attachments and links (when necessary) through those messages and response time is delayed as I may not see the message in D2L as quickly as an Email via Outlook or Office 365.

**Electronic Communications:** “The University provides all KSU students with an ‘official’ email account with the address ‘[netid@students.kennesaw.edu](mailto:netid@students.kennesaw.edu).’ As a result of federal laws protecting educational information and other data, **this is the sole email account you should use to communicate with your instructor or other University officials.**” The instructor only guarantees replies to emails received from your Kennesaw email account ([netid@students.kennesaw.edu](mailto:netid@students.kennesaw.edu)). Emails sent from other email domains may not reach the instructor's mailbox. In order to ensure receipt/responses to your email be sure that you communicate with the instructor via your Kennesaw Student email account and include the course number in the subject.

## Course Description

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**3 Credit Hours**

**Concurrent:** CSE 1321L

This course provides an introduction to computing with a focus on programming. Instruction centers on an overview of programming, problem-solving, and algorithm development. Particular topics include object-oriented design/programming, primitive data types, arithmetic and logical operators, selection and

repetition structures, interactive user input, exception handling, using and designing basic classes, single-dimensional data structures with searching and sorting, and arrays. Programming assignments focus on techniques of good programming style including proper documentation. The student is taught to efficiently design, code, and debug problem solutions and the relationship between correct code and security.

## Course Materials

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**Required Texts:** No notebook purchase is required.

**Recommended Texts:**

Textbook resources provided on FYE Website are:

- 1) Programming Fundamentals (for all students, lecture and lab)
- 2) Fundamentals of Computer Programming with C# (for C# labs only)
- 3) Think C++ (for C++ labs only)
- 4) Think Java (for Java labs only)

**Technology requirements:** Computer with Webcam

## Learning Outcomes

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At the end of the course students will be able to:

1. Accurately demonstrate use of primitive data types and arithmetic expressions in programs.
2. Apply basic programming structures in algorithmic solutions, including logical expressions, selection, and repetition.
3. Solve programming problems that include 1D and 2D array creation, handling, searching, and sorting.
4. Read and interpret simple programs written in multiple programming languages and understand what these programs do.
5. Define methods and classes in programs solutions.

## Course Requirements and Assignments

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There will be a total of 8 quizzes and 3 exams, all of which will be delivered through D2L. Exams will require the use of the Respondus LockDown Browser, which will require a webcam, a microphone, and reliable internet access.

## Evaluation and Grading Policies

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The instructor will make every effort to have assignments graded within one week. Assignments will be graded for correctness and completeness, as per the grading rubrics. Copies of your class work and tests will be kept for our records.

**No individual extra credit work will be given to improve one's grade.**

**Your lowest quiz will be dropped when calculating your final grade.** For details on make-up for tests, see Course Policies below.

Grading Scale		Spring and Fall Semesters		Summer Semester	
GRADE >= 89.5	A	Quiz Average	25%	Quiz Average	30%
89.5>GRADE>=79.5	B	Test 1	25%	Test 1	30%
79.5>GRADE>=69.5	C	Test 2	25%	Final Exam	40%
9.5>GRADE>=59.5	D	Final Exam	25%		
GRADE < 59.5	F				

## Course Policies

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**Attendance Policy:** Posted on FYE Website under [Policies](#).

**Quiz/Exam Policy:** Posted on FYE Website under [Policies](#).

**Make-up Policy:** Posted on FYE Website under [Policies](#).

**Proctored Exams:** Posted on FYE Website under [Policies](#).

**Electronic Devices and Classroom Behavior Policy:** Posted on FYE Website under [Policies](#).

**AI Use Prohibited:** You are expected to generate your own work in this class. When you submit any kind of work, you are asserting that you have created it completely on your own unless you indicate otherwise using quotation marks and proper citation for the source(s) you used to help you. Submitting content that has been generated by someone other than you, or that was created or assisted by an AI generative tool is cheating and constitutes a violation of the KSU Code of Academic Integrity.

## Department or College Policies

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Kennesaw State University is committed to your success. To ensure that you take full advantage of your educational opportunities, the College of Computing and Software Engineering is implementing the First Year Experience Program (FYE) and this course is part of this program. In some cases, you will be contacted by FYE team members as a follow-up on the instructor's referral and to offer you the guidance and support you need. There are many ways for you to reach your academic and personal goals. We'll show you how.

[HTTPS://CCSE.KENNESAW.EDU/FYE/](https://ccse.kennesaw.edu/fye/)

# Institutional Policies

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- **Copyright Law:** It is the responsibility of KSU faculty and students to respect the rights of copyright holders and comply with copyright law. For more details, see <https://cia.kennesaw.edu/instructional-resources/syllabus-policy.php>
- **Grade Appeals and Student Complaints:** A student's rights to grade appeals are defined in the University catalogs. Each faculty member must specify the grading policy in the syllabus at the beginning of the course. The faculty member may change the grading policy for cause after that time but must do so uniformly with ample notification to students. Students can find more details regarding the appeal process here: <http://catalog.kennesaw.edu/>
- **Inclement Weather Policy:** During the course of the year, Kennesaw State University may decide to close campus or operate on a delayed schedule in cases of inclement weather. For more details, see <https://cia.kennesaw.edu/instructional-resources/syllabus-policy.php>
- **KSU Academic Integrity Statement: Every KSU student is responsible for upholding the provisions of the Student Code of Conduct, as published in the Undergraduate and Graduate Catalogs. Section 5c of the Student Code of Conduct addresses the university's policy on academic honesty, including provisions regarding plagiarism and cheating, unauthorized access to university materials, misrepresentation/falsification of university records or academic work, malicious removal, retention, or destruction of library materials, malicious/intentional misuse of computer facilities and/or services, and misuse of student identification cards. Incidents of alleged academic misconduct will be handled through the established procedures of the Department of Student Conduct and Academic Integrity (SCAI), which includes either an "informal" resolution by a faculty member, resulting in a grade adjustment, or a formal hearing procedure, which may subject a student to the Code of Conduct's minimum one semester suspension requirement.**
- **KSU Course Withdrawal Policy:** Students may withdraw from one or more courses any time before the last week of the semester. For more details, see <https://cia.kennesaw.edu/instructional-resources/syllabus-policy.php>
- **KSU Disruption of Campus Life Policy:** All students are responsible for knowing the information, policies and procedures outlined in the Kennesaw State University Codes of Conduct. For more details, see <https://cia.kennesaw.edu/instructional-resources/syllabus-policy.php>
- **KSU Enrollment Management/Course Attendance Policy:** Students are solely responsible for managing their enrollment status in a class; nonattendance does not constitute a withdrawal.
- **KSU Military Withdrawals Policy:** Kennesaw State students who are called to active duty or who are deployed during the term may be eligible for a military withdrawal. For more details, see <https://cia.kennesaw.edu/instructional-resources/syllabus-policy.php>
- **KSU Reasonable Accommodations Policy:** Students with qualifying disabilities under the Americans with Disabilities Act (ADA) and/or Section 504 of the Rehabilitation Act who require "reasonable accommodation(s)" to complete the course may request those from Office of Student Disability Services. For more details, see <https://cia.kennesaw.edu/instructional-resources/syllabus-policy.php>
- **KSU Sexual Misconduct Policy:** KSU does not condone and will not tolerate sexual misconduct or sexually exploitative or harassing behavior of any kind. For more details, see <https://cia.kennesaw.edu/instructional-resources/syllabus-policy.php>
- **KSU Web Accessibility Policy Statement:** For more details, see <https://cia.kennesaw.edu/instructional-resources/syllabus-policy.php>
- **Netiquette: Communication Courtesy:** All members of the class are expected to follow [rules of common courtesy in all email messages](#), threaded discussions and chats.

- **Protecting Students' Privacy (FERPA):** Students have certain rights to privacy. These rights are mandated by federal policy. For more details, see <https://cia.kennesaw.edu/instructional-resources/syllabus-policy.php>

# KSU Student Resources

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<https://cia.kennesaw.edu/instructional-resources/syllabus-resources.php>

**Graduate Teaching Assistants (Lab Instructors)** – Office is J-352, see [office hours](#) posted on our website.

**CCSE Tutoring and Open Lab** – Room J-263, [see hours posted on their site](#).

For CCSE Student resources:

<http://ccse.kennesaw.edu/student-resources.php>

KSU Service Desk:

The KSU Service Desk is your portal to getting assistance or access to University IT Services. Students call: 470-578-3555 or email [studenthelpdesk@kennesaw.edu](mailto:studenthelpdesk@kennesaw.edu)

For Academic Advising information and to schedule appointments:

<http://ccse.kennesaw.edu/advising/index.php>

Links to frequently used and helpful services:

<http://www.kennesaw.edu/myksu/>

Department of Career Planning & Development

<https://careers.kennesaw.edu>

Counseling and Psychological Services

<https://counseling.kennesaw.edu>

Center for Health Promotion and Wellness

<https://wellness.kennesaw.edu>

Student Health Services

<https://studenthealth.kennesaw.edu>

## Course Schedule

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See [CSE 1321: Programming and Problem Solving I schedule](#) posted on the [FYE website](#) for the latest schedule.

## Student Success

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Here are things you can do that will greatly improve your chances of making a satisfactory grade in this class:

- Read the syllabus: You should read every word in the syllabus during the first week of classes.
- Complete the assigned Readings and Viewings for each Module before class.
- Allow enough time: More unsatisfactory grades are due to procrastination than any other cause. Do not assume that you can complete the assigned work in the thirty minutes before the due date and time; you cannot.
- Do the work yourself. Finding solutions online or using AI generated submissions are against FYE Policy and will not help you prepare for the tests/exams.
- Verify that your submission to D2L/Gradescope was the correct file before the deadline. It is your responsibility to ensure that the correct file was uploaded to the correct location. I cannot accept late submissions per FYE Policy, and I do not accept submissions via email.

## Professor Malcolm's Expectations

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[What should we expect from each other?](#)

The first and most important thing that we should expect from each other is respect and this should be shown in all the interactions.

[Moreover, on my side,](#)

- I will make sure to reply to your email within 24 hours Monday through Friday (I may not respond to emails sent during weekends/holidays or when KSU is closed).
- I am always open to hear your feedback about the course and I will do my best to address or incorporate your comments in the course.
- I will be available for individual or group consultation.
- We will keep the schedule updated and available on our website.
- We will return your assignments and deliverables graded within 14 days from the deadline.

[On your side, I am expecting:](#)

- You come to class on time and actively participate in the lectures and activities.
- You talk to me if you have problems, doubts, or suggestions related to any component of the course.
- You work with effort and integrity on the assigned activities, homework, deliverables, and tests.
- Not to sleep, work on assignments for other classes or read/view unrelated materials in my class during lectures or live sessions. You will be asked to leave the classroom if you are caught doing any of these.
- You to catch up on any missed class sessions by getting notes from a classmate, reading the lecture slides, and watching the lecture videos.