



# SYLLABUS

# Kennesaw State University

# College of Computing and Software EngineeringFirst Year Experience

# CSE1300: Introduction to Computing Principles SUMMER 2025

# Course Information

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Class meeting time: *100% Online*

Modality and Location: *100% Online*

# Instructor Information

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Name: Harshitha Nirujogi

Email: hnirujog@kennesaw.edu
Office Location: No in-person office hours for Summer 2025

Office Hours: Via Teams
Preferred method of communication: hnirujog@kennesaw.edu

# Course Description

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The Bachelor of Science with a major in Computer Science program (BSCS) provides a blend of the foundations of computer science (CS) and applications in the information technology (IT) industry. The BSCS program emphasizes the study of computer systems architecture, software development, and data communications. Core technology areas include programming, computer architecture, operating systems, data communication, database systems, and software engineering. These areas are supported by a strong foundation in computing principles such as the design of programming languages, data structures, and

operating system principles. The program includes a mathematics component and mathematics concepts are incorporated into many of the major courses.

Graduates of the CS program are prepared for a variety of careers in CS and IT, especially in the development of software for distributed systems. Example job titles from KSU graduates of the CS program include information technology specialist, programmer analyst, software engineer, network administrator, software developer, artificial intelligence engineer, back-end engineer/full stack developer, and software consultant. This program also prepares students for graduate studies in computing-related fields.

This program is a part of the College of Computing and Software Engineering.

# Course Materials

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There is no single textbook for CSE 1300.

It brings together information from multiple free online sources.

There are assigned readings and/or viewings for each module listed in the modules.

For the Python programming language, we will use [Programming Fundamentals: A Modular Structured Approach, 2nd Edition](https://press.rebus.community/programmingfundamentals/).

# Course Learning Outcomes

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This course is an introductory computing principles course. Instruction centers on an overview of the history, scope, and impact of computing as well as critical, algorithmic and computational thinking on problem decomposition and fundamental programming concepts.

Students who complete this course successfully will be able to:

* Synthesize how software has influenced innovations in other fields and helped people, organizations, and society to solve problems.
* Use computational thinking to ask questions and find different ways to solve problems.
* Design a solution to a problem as an algorithm and convert the algorithm into a procedural program.
* Describe the differences between computing disciplines and identify possible job opportunities in the computing field.

**Course Requirements and Assignments**

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*This course contains 4 Assignments, 5 Quizzes and 2 Tests.*

# Evaluation and Grading Policies

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*List any grading policies. You must include a statement on feedback expectations and feedback turn-around time. Explain how grades are to be earned; if extra credit is offered, it should be included (and available to all students). Be sure to include an evaluation scale. The one below is just one example.*

GRADING SCALE:

90% - 100% A

80% - 89% B

70% - 79% C

60% - 69% D

0% - 59% F

*I will round up grades if they are > or = .5 or above, for example, an 89.6 is an A, but 79.2 is a C.*

*Optional Text – Faculty are strongly encouraged to participate in one of the following processes to communicate a student's progress in a course. Choose the statements below that best fit your course.*

***Early Alerts/Progress Reports:*** *This class is participating in Early Alerts, which faculty will submit during the first few weeks of class. These reports notify advisors and student success coaches to a range of things like missing class, missing assignments, if you might need to visit tutoring, or could benefit from help with time management or study skills. These are not recorded as grades and are meant to provide you with some additional resources to ensure you can be successful in your class. If you receive notification of an early alert, please take advantage of these resources.*

***Midterm Grades:*** *A midterm grade may be assigned by the midterm grade due date identified on the academic calendar. This midterm grade is for assessing mid-semester performance at least one week prior to the last day to withdraw without academic penalty. You may view your midterm grade in Owl Express. Note that only your final grade will be officially recorded on your academic transcript.*

***Bonus Points:*** *Students may earn up to a max of 5 bonus points for attending tutoring sessions at the CCSE Tutoring center.  Each visit will earn 0.5 (1/2) point added to the final exam score.  Bonus points can be earned anytime from the first day of class to the last day of scheduled class (i.e. a student cannot earn points during finals week).  These bonus points will be added to the students' final exam grade during finals week.*

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| --- | --- |
| Assignments | 25% |
| Quizzes | 25% |
| Midterm Exam | 25% |
| Final Exam | 25% |
| **Total** | **100%** |

# Course Policies

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**Attendance Policy**

**On-Campus sections**: The numbers don't lie:  students who attend classes routinely consistently make better grades in our program.  Skipping classes, routinely arriving late, being present in body but not in mind--all of these will prevent you from earning the grade you want. Come to class. Come to learn.

Remember, too, talking with your classmates (about material unrelated to lecture), using electronic devices for unrelated tasks, etc. are disruptive behaviors that may result in you being asked to step out so you do not impact other students' experiences.

If you miss a class, it is your responsibility to catch up on the material you missed.

**Online sections:** Online learning requires active engagement.  Students should plan to log into the course at**least three times a week** to check for announcements in addition to completing coursework by the deadlines.  If, for some reason, this isn't possible for you, please contact your instructor as soon as possible to discuss your situation.

**Instructional Continuity Plan**

Kennesaw State University (KSU) may decide to close campuses, operate on a delayed schedule, or transition to remote instruction for inclement weather or in case of emergency.

The University will announce campus closures, delayed schedules, or remote instruction through KSU Alerts sent to your cell number on file and to your university email account. In addition, announcements will be posted on KSU’s home page: www.kennesaw.edu.

Our class continuity plan includes:

1. Communication: Please check D2l Brightspace or e-mail for necessary instructions.
2. Virtual Classes: If in-person classes are not possible, we may transition to virtual classes using MS Teams.
3. Assignments and Assessments: Deadlines for assignments and assessments may be adjusted to accommodate the emergency situation.

We understand that emergencies create unique challenges. If you need additional support during an emergency, reach out via Brightspace or e-mail. The university also offers resources such as counseling and academic support, which can be accessed remotely.

**Policy on the Usage of Artificial Intelligence**

*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.*

**Inclement Weather Policy**

During the year, Kennesaw State University may decide to close campus or operate on a delayed schedule in cases of inclement weather.

The University will announce campus closures and delayed schedules in several ways. The cell phone number on file with the university will automatically receive KSU Alerts, so make sure your information in OwlExpress is accurate at all times. An email will also be sent to your university account.

In addition, announcements will be made by a notice on the [Kennesaw State University home page](https://nam04.safelinks.protection.outlook.com/?url=http%3A%2F%2Fwww.kennesaw.edu%2F&data=05%7C02%7Chnirujog%40kennesaw.edu%7C3b8d050e3598438b439908dd2f67d5d6%7C45f26ee5f134439ebc93e6c7e33d61c2%7C1%7C0%7C638718845211805033%7CUnknown%7CTWFpbGZsb3d8eyJFbXB0eU1hcGkiOnRydWUsIlYiOiIwLjAuMDAwMCIsIlAiOiJXaW4zMiIsIkFOIjoiTWFpbCIsIldUIjoyfQ%3D%3D%7C0%7C%7C%7C&sdata=%2BOeSPr5Ck5HiKgsE4izvGpmJ1KzCOKxzl3RKnkoy7hc%3D&reserved=0).

# Institutional Syllabus Policies, Procedures, and Resources

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[Federal, BOR, & KSU Required Syllabus Policies and Student Resources](https://www.kennesaw.edu/curriculum-instruction-assessment/academic-program-planning-development/resources/student-syllabus-resources.php)