

CSCI 1302 - Software Development

Instructors:

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eLC: <http://elc.uga.edu/>

Piazza: <https://piazza.com/uga/fall2025/csci1302/home>

Class Times & Locations

Class times and locations are available in Athena.

You should only attend class times for which you are registered.

Office Hours

Several office hours options (for instructors and TAs) will be posted on Piazza shortly after classes begin. Office hours will be held in the Boyd 307 lab. You are encouraged to come and ask questions or work on assignments during any of the posted office hours. You are not limited to the office hours tied to your instructor.

1 Course Description

Software development techniques in an object-oriented computer language. An intermediate Java programming course that emphasizes system methods, top-down design, testing, modularity, and structured techniques. Applications from areas of numeric and non-numeric processing and data structures. A copy of the course information sheet listing the learning outcomes for CSCI 1302 is provided along with this syllabus in a eLC content module. It contains a full list of the student learning outcomes for this course.

Face-to-Face Instruction: CSCI 1302 will be taught face-to-face (in person) in Fall 2025. The class will meet on the regularly scheduled days/times with students attending in person on campus. In-person attendance and participation are required. Students who miss class are responsible for acquiring notes from their classmates. **Lectures will not be recorded.**

1.1 Prerequisites & Co-requisites

CSCI 1301 Introduction to Computing and Programming (Prerequisite)

CSCI 1301L CSCI 1301 Lab (Prerequisite)

2 Required Texts

The instructors of this course have decided not to require a proprietary textbook for this course as part of the UGA Affordable Course Materials Initiative. Instead, the readings for this course will be provided at no cost through open educational resources authored by the instructors, including the course textbook at:

<https://cs1302uga.github.io/cs1302-book/>.

Links to required readings and other course materials will be included on eLC. Additional texts and notes may be suggested for reading throughout the semester. If an instructor posts something for you to read or watch, then you are expected to read or watch it, take notes, and try to practice or apply the material in some way before the next class period.

3 Pedagogy Statement

Learning computer science takes much more than pure memorization. Internalizing a discipline's way of thinking about and solving problems is a time-consuming process, with the keyword being "process". It requires your active participation and questioning both in and out of the classroom. This course will be instructed using a combination of instructional pedagogies. This is not a class where you only come each day, listen, watch, and take notes! The primary methods for learning new concepts and methods will be by reading and watching provided materials before class, participating in class activities and discussions, and working through the various assignments. It is essential that you not only attend class each day and participate in the activities, quizzes, and discussions but that you show up prepared having completed the homework and assigned reading.

4 Content Pipeline

The class is set up according to a content pipeline (illustrated below). The more time you spend on a particular step in the pipeline, the easier and more effective you will be during subsequent steps. The idea is that you should be spending most of your time for this course engaging in the readings and asking relevant questions. For example, if the bulk of your time is spent on subsequent steps, then that suggests that you could manage your time better to focus on earlier steps in order to build a more solid foundation. We realize that this may seem counter-intuitive, but it is highly effective if you take it seriously. **Quantitative data from previous semesters confirm it!**

Readings → Class Lectures, Activities & Discussions → Homeworks, Exercises & Quizzes → Projects → Exams

5 Grading Policy

Letter Grade Breakdown			Point Breakdown	
Numeric Score	Grade	Notes	Category	Weight
[90, ∞)	A		Attendance & Activities	10%
[87, 90)	A-		In-Class Quizzes	10%
[84, 87)	B+		Software Projects	15%
[80, 84)	B		Exam 1 (eLC)	15%
[77, 80)	B-		Exam 2 (eLC)	20%
[74, 77)	C+		Exam 3 (eLC)	20%
[70, 74)	C		Final Project	10%
[67, 70)	C-	Not a C or better.		
[60, 67)	D	Technically passing.		
[0, 60)	F	Failing.		

While the instructor reserves the right to drop individual grade items from the grade book, students should neither expect nor ask for any such drops to occur. Numerical final course grades are calculated using the “Point Breakdown” provided above, taking into consideration extra credit opportunities, dropped assignments, and category overflow. The letter grade that a student receives in this course will be the direct mapping of their numerical final course grade to a +/- letter grade using the intervals in the “Letter Grade Breakdown” provided above. **Students should neither expect nor ask for any rounding to occur**, since numerical final course grades already consider extra credit opportunities, dropped assignments, and category overflow (i.e., exceeding the possible number of points in a category overflows into the rest of your numerical final course grade).

6 Attendance and Activities

You are expected to attend each class period and participate in any in-class activities. In-person attendance information will be recorded on a regular basis. **To have your attendance recorded for a class period, you must be registered for that period’s CRN and be physically present in the classroom when attendance is taken.** If you are tardy or leave class early, then your instructor reserves the right to mark you absent, even if you were physically present when attendance was taken.

Attendance is never excused, and there is no need to provide documentation of absences. Instead, two attendance grades are dropped at the end of the semester. Although this allows you to theoretically miss some days, you are still responsible for understanding the content of any missed days. If you need to miss an extended period of time due to a medical emergency, then discuss this with your instructor as soon as you are medically able.

7 In-Class Polls

This course will have electronic polls that are conducted during class time via eLC. These polls are not considered quizzes, and your instructor may use some portion of them to assign extra credit points at the end of the semester. **Attendance is required to participate in polls.** It is your responsibility to bring a device (e.g., a laptop or smartphone) to class each day that is functioning properly and has sufficient battery life to complete an online poll. Taking a poll from outside of the classroom or sharing information about the poll with students who are not present are both considered academic honesty violations and are subject to the sanctions outlined in Section 12.9.

After you participate in a poll, you will be able to access and review your poll attempt via eLC within a few days. If you miss a poll, then you will not be able to view it unless it is explicitly made available for review by an instructor prior to an exam – you may request that a poll you missed be made available for review whenever an exam is officially announced on Piazza.

8 In-Class Quizzes

In-class, unannounced ("pop") quizzes will be given to test students' knowledge of recent content. In-class pop quizzes are distinct from the polls mentioned in Section 7; they will be clearly identified as a "Quiz" instead of a "Poll" on eLC and contribute directly to the "In-Class Quizzes" grade category seen in Section 5.

9 In-Person Examinations

This semester, CSCI 1302 will hold three **in-person exams during your regular lecture class period**. Information about an exam (e.g., formats, dates, content covered, etc.) will be posted on Piazza roughly one week prior to the date of the exam (often earlier). Each exam will be done in-person through eLC and requires the use of Respondus LockDown Browser (LDB), a university-recommended, custom web browser that locks down the testing environment on eLC for security purposes – **you must have Respondus LDB installed on the computer that you use to take an exam**.

You must bring a charged laptop to class on the exam dates. If needed, you may request to borrow a laptop online from the Miller Learning Center through the MLC Technology Lending Program (<https://mlc.uga.edu/technology/lending>). When making your request, be sure to let them know that you need it to work with Respondus LockDown Browser (LDB).

9.1 Make-up Exams

We will only consider make-up exams under extenuating circumstances as described in Section 16.

10 Piazza Discussions & Contacting Instructors/TAs

Piazza is an online gathering place for course-related announcements, Q&A, and follow-ups – you can access it at:

<https://piazza.com/uga/fall2025/csci1302/home>.

Piazza is intentionally designed to let students ask, answer, and explore course-related questions under the guidance of the instructional team and is highly catered to helping students answer each others' questions quickly and efficiently. The instructional team may contribute to student-authored posts from time to time; however, their primary role on Piazza is to serve as moderators, post course announcements, and follow-up on private posts and regrade requests. Piazza will not be used to debug source code **If you have a question about your source code or require help debugging your code, then you are expected to seek assistance from the instructional team during office hours.**

10.1 Official Course Announcements

Students must check Piazza frequently for updates and announcements from the instructional team. Announcements posted on Piazza by the instructional team are considered official course announcements, and it is your responsibility to make sure that you stay up-to-date with those announcements. The instructors have already pinned some posts to the top of the post list that you are expected to read carefully before you make your first Piazza post. Once you are enrolled in the course Piazza, we recommend that you familiarize yourself with the "Class & Email Settings" associated with your Piazza user account and make sure that you are receiving associated email notifications. If you find that notification emails are going to your email's spam folder, then you should add `no-reply@piazza.com` to the "safe senders" list or "white list" in your email settings.

10.2 General Q&A

General questions that are not related to your particular code for an assignment should be posted publicly on Piazza so that everyone can benefit from its discussion and answers. If you have a question that is private in nature, then you can create a private posts that can only be seen by the instructional team (see Section 10.3).

10.3 Contacting Instructors/TAs

Questions for the instructional team that are personal or private in nature and not related to your particular code for an assignment should be posted privately to the "Instructors" group on Piazza. To do this, select "Individual Student(s) / Instructor(s)" for the "Post to" option when creating a new post and type in "Instructors". Note that Piazza gets a lot of posts, so it sometimes takes us a while to sort through it all. Please allow 24 hours for a response on a weekday, and 48 hours for a response on the weekend or holiday/break. **The instructional team reserves the right to anonymize, edit, and make public any private posts that ask general questions so that other students can benefit.**

10.4 Issue Follow-ups

If you submit a regrade request, then someone from the instructional team will follow-up with you within a few days via a private Piazza post. These private follow-up posts are typically used to communicate how an issue was resolved and/or to request additional information that may be needed to help resolve the issue. More information about regrade requests can be found in Section 15.

10.5 Source Code on Piazza

We ask that students not post source code related to graded assignments in public posts on any website (including Piazza). Doing so gives away the solution and runs the risk of an academic honesty violation. If your question is related to your code for a graded assignment, then please see an instructor or TA during office hours for assistance. Please note that code from example questions in class or small code examples that are not related to an assignment are allowed on Piazza.

11 Programming Languages & Coding Assignments

All programming assignment submissions must compile and run on the departmental `odin` server with the **CSCI 1302 shell profile** activated and using the instructions provided with the assignment. The CSCI 1302 shell profile enables specific software versions for this course, and unless otherwise stated, you should implement your programming assignments using those versions. **The CSCI shell profile is not activated by default.** Specific instructions for accessing `odin` and activating the CSCI 1302 shell profile for your account are included in a Unix tutorial reading that will be assigned to you at the beginning of the semester. Your existing UGA MyID and password are used to authenticate with `odin`. If you ever have trouble logging into `odin`, then contact `support@cs.uga.edu` as soon as possible. Forgetting your username or password and waiting on System Support is **NOT** an excuse for late work. Instructional staff will attempt to help resolve systems-related issues that students may encounter during the semester if they reach out to the instructional staff in a timely manner. However, students are ultimately responsible for resolving system-related issues encountered while completing assigned work.

12 Academic Honesty

As a University of Georgia student, you have agreed to abide by the University's academic honesty policy, "A Culture of Honesty," and the Student Honor Code. All academic work must meet the standards described in "A Culture of Honesty" found at: <http://www.uga.edu/honesty>. Lack of knowledge of the academic honesty policy is not a reasonable explanation for a violation. Questions related to course assignments and the academic honesty policy should be directed to the instructor. Furthermore, the Computer Science Department recognizes honesty and integrity as necessary to the academic function of the University and reminds students that the CS faculty require compliance with the University's academic honesty policy. Academic honesty means that any work you submit is your own work.

12.1 Artificial Intelligence Software

Unless explicitly stated, artificial intelligence-based technologies, such as ChatGPT and GitHub Copilot, must not be used to generate complete or partial responses for student assignments.

12.2 Other Common Examples

Common forms of academic dishonesty, which students should guard against are:

- copying from another student's test paper or laboratory report, or allowing another student to copy from you;
- fabricating data (computer, statistical) for an assignment;

- helping another student to write a laboratory report or computer software code that the student will present as his own work, or accepting such help and presenting the work as your own;
- turning in material from a public or private source such as a book, the Internet, or a tutor as your own work.

12.3 Prevention

Three steps that you can personally take to help prevent academic dishonesty are:

- familiarize yourself with the regulations;
- directly ask your instructor or a staff member at the Office of Judicial Programs if you have any doubt about what constitutes academic dishonesty, ; and
- actively refuse to assist students who want to cheat.

12.4 Sharing

Unless explicitly stated otherwise, you also agree not to make any portion of your assignments for this class publicly or privately available for others to view. This includes but is not limited to, posting snippets of your code on websites (e.g., Course Hero, Chegg, etc.). Engaging in activities similar to this will be seen as either giving or receiving unauthorized assistance. Posting course-related questions to question-and-answer websites (e.g., ChatGPT, Chegg, StackOverflow, Yahoo Answers, etc.) should be avoided. If you have a question, then please use Piazza (see Section 10).

12.4.1 Sharing with Potential Employers

After completing the course, you may *privately share* any course work that you produced with potential employers as part of your portfolio and or application materials, unless such employers are currently enrolled as a student in CSCI 1302 or there is a reasonable expectation that they will be enrolled as a student in CSCI 1302 in the future.

12.5 Getting Help

If you need specific help with portions of your code, then you must consult with the instructor or teaching assistants first (unless expressly and explicitly stated otherwise in the assignment description). Free peer tutoring through the University's Office for Student Success and Achievement (OSSA) is also usually available. Through the OSSA, students can seek assistance via drop-in, appointment, or study pod options. All of the OSSA peer tutors are referred by UGA faculty and are accredited by the College Reading and Learning Association (CRLA). For specific times and locations, you can visit <https://ossa.uga.edu/services/peer-tutoring/>. Students are reminded that they are required to adhere to the academic honesty policy at all times, even when being tutored. **If other students or tutors engage in academically dishonest activities, you should leave the room or meeting and notify your instructor immediately.**

12.5.1 Concerning GroupMe-like Services

While GroupMe and other similar services are not strictly prohibited, the instructors strongly encourage you to communicate over Piazza instead. Since GroupMe-like services are not actively moderated by the instructors, everyone in the group is responsible for any academically dishonest material posted in the group. This would include but is not limited to quiz answers, exam questions, and code snippets from projects. Students are reminded that they are required to adhere to the academic honesty policy at all times, even when using services like GroupMe. If other students are engaging in academically dishonest activities, you should stop using the service and notify your instructor immediately. As stated in the UGA Student Code of Conduct, "students are expected to act in a manner that demonstrates integrity and respect for others and the campus environment." As such, you are expected to conduct yourselves professionally and be academically honest at all times and on all sites and services related to your participation in the class, whether formal or informal.

12.6 Plagiarism

The expectation is that any work you submit for this class must be your own original derivative work of the assigned assignment description and/or skeleton code. Taking any part of another person's work without their permission and without reference and claiming it as your own is plagiarism and will not be tolerated. If you copy, extend, or incorporate another person's work that is not included in an assignment's description and/or skeleton code, then it may not make up a substantial portion of any component of the assignment, and you must cite (in the form of a comment) where you got the code from to help avoid plagiarism.

12.7 License for Derivative Works

Please also note that most of the assignment descriptions provided by this class are copyrighted and licensed under a Creative Commons BY-NC-ND License, where the ND stands for “No Derivatives.” This means that the distribution of derivative works beyond the submission of an assignment is not allowed without express permission from the assignment author. A violation of this is not only academically dishonest, it is a violation of federal copyright law. Derivative works include, but are not limited to, partial and complete implementations of an assignment.

12.8 Reporting

All faculty, staff, and students are encouraged to report all suspected cases of academic dishonesty. Except for cases pertaining to the Regret Clause (see Section 12.10), all cases of *suspected* academic dishonesty (cheating) will be referred to the Office of the Vice President for Instruction for academic dishonesty. Penalties imposed by the Office of the Vice President for Instruction may include a failing grade in the course and a notation on the student’s transcript. Repeated violations are punishable by expulsion from the University.

12.9 Sanctions

For this course, the *minimum* sanction for an academic honesty violation will be a zero on any related assignments, an imposed upper limit of letter grade C for the final course grade, and a transcript notation of academic dishonesty. The transcript notation can be removed if the student completes no less than 30 hours of community service in the Athens-Clarke County area within 180 days of receiving the sanction (to be confirmed by UGA’s Academic Honesty Office). The instructors reserve the right to impose stricter sanctions if warranted. For example, any violation where theft of another student’s work is suspected will result in a letter grade of F in the course and an additional 35 hours of community service, at a minimum, in the same 180-day period. If a student submits an assignment that is found to violate the Academic Honesty policy, then that assignment is not eligible to be dropped.

12.10 Regret Clause

If you commit some act that violates the Academic Honesty Policy for this course but bring it to the attention of the course’s instructors within 72 hours of committing the act, then the instructors may impose local sanctions that may include an unsatisfactory or failing grade for work submitted, but will not refer the matter for further disciplinary action except in cases of repeated acts.

13 Collaboration Policy

Unless explicitly stated otherwise, all assignments are to be completed individually. Collaboration on solution construction is not allowed, except under the explicit direction of your instructor. You may discuss general concepts with other students or tutors, however, you may not discuss the implementation, at any level of granularity, of any of your solutions prior to the submission of the related assignment without explicit permission from your instructor. If your instructor directs you to collaborate on a non-project assignment during a class period (see Section 13.1 for policies related to group projects), then, regardless of the level or amount of any in-class collaboration, you are still expected to complete the entirety of the assignment individually, from start to finish, prior to submitting the assignment.

13.1 Group Project Policy

From time to time, some projects may explicitly indicate an option for group work. Unless explicitly stated otherwise, when participating in a group project, all group members are equally responsible for jointly producing all project artifacts. All students in a group, therefore, will receive the same grade for the project. For all projects involving group work, students agree to the general practices described above in addition to any other requirements outlined in a project’s description. Groups who submit a group project that was not completed in accordance with these practices will be considered to be in violation of the University’s Academic Honesty policy.

14 Late Work Policy

Unless explicitly stated otherwise, most assignments in CSCI 1302 are not accepted late. If you fail to meet the submission deadline for an assignment that is not accepted late, then you will receive a grade of 0 for that assignment in the grade book.

Late submissions for projects and homework are permitted; however, they are subject to the late penalty described in Section 14.1.

14.1 Late Project and Homework Penalty

Unless stated otherwise in an assignment description, you may submit a project or homework up to two days (i.e., 48 hours) after its final submission deadline. If you submit a project or homework late, then a 10-point deduction is applied to your grade (on a 100-point scale) per day late. For example, if the assignment is due at 11:55 PM on some day, then it's considered one day late if submitted between 11:55:01 PM (i.e., one second after the deadline) and 11:55 PM the next day. Similar logic is applied to determine if an assignment submission is two days late. Although it is theoretically possible for this late penalty to result in a negative grade for a late assignment submission, the lowest grade that we will ever enter into the grade book is 0. You can easily compute the formula above with the following Java code (assuming two days late):

```
int d      = 2;                // number of calendar days late
double x = 0.9;                // percentage grade earned (from 0 to 1)
double z = (d <= 2) ? Math.max(0, x - 0.1 * d) : 0; // late penalty formula
System.out.printf("Grade with late penalty is %.2f%%.\n", z * 100);
```

15 Re-grade Policy

Unless stated otherwise, you may request a re-grade of any Attendance, Homework, Project, or Exam at any time within 7 calendar days (i.e., not 7 class days) of receiving the grade. Re-grade requests received via Piazza or email will not be considered. Re-grade requests received after the 7-day window will be ignored. To make a request, you must submit a written justification via the form at

<https://forms.office.com/r/CehJjpruLn>.

16 Extenuating Circumstances Policy

Students may only make up a missed work (exam), be considered for a due date extension (project), or qualify for a work exemption (quiz/exercise) under extenuating circumstances such as a serious medical injury, bereavement, trauma, or mandatory court attendance provided that a written request is made to the instructor that is **timely, polite, and includes appropriate documentation/evidence** to support the extenuating circumstance. A request is considered *timely* if it is made as early as possible, ideally prior to the exam date or assignment due date. The documentation/evidence for a request is considered *appropriate* if it explicitly describes the extenuating circumstance and how it impacts your ability to complete the related assignment. If you need to make such a request under this policy, please create a private post to the "Instructor" group on Piazza as described in Section 10.3. This policy does not cover attendance/absences, which are never excused (see Section 6).

17 Make-up Quiz Policy

No make-ups will be given for quizzes, and so, quizzes are not accepted late. However, students may request an exemption for a quiz under extenuating circumstances (see Section 16).

18 Disability Accommodations Policy

Students with a disability or health-related issue who need a class accommodation should make an appointment to speak with the instructor as soon as possible. Students who require such an accommodation for an exam must contact the instructor at least two weeks before the exam is scheduled. All disability-related excuses must be officially vetted by the University's Disability Resource Center (DRC).

19 Mental Health and Wellness Resources

If you or someone you know needs assistance, you are encouraged to contact Student Care and Outreach in the Division of Student Affairs at 706-542-7774 or visit <https://sco.uga.edu/>. They will help you navigate any difficult circumstances you may be facing by connecting you with the appropriate resources or services.

- UGA has several resources for a student seeking

Mental Health Services: <https://www.uhs.uga.edu/bewelluga/bewelluga>; or

Crisis Support <https://www.uhs.uga.edu/info/emergencies>

- If you need help managing stress anxiety, relationships, etc., please visit BeWellUGA (<https://www.uhs.uga.edu/bewelluga/bewelluga>) for a list of FREE workshops, classes, mentoring, and health coaching led by licensed clinicians and health educators in the University Health Center.
- Additional resources can be accessed through the UGA App.

20 Course Correspondence Policy

You are always encouraged to contact the instructional staff whenever you have a question or concern that should not be addressed via a public post in the course's Piazza forum. However, please do **NOT** directly email the instructor or TAs! Instead, post such questions on Piazza via a private message as described in Section 10.3.

Remember, the course syllabus is a general plan for the course; deviations announced to the class by the instructor may be necessary.