



**CSE 1322/01 – Programming and Problem Solving II  
Fall 2020**

## **SYLLABUS**

### **FACULTY AND COURSE INFORMATION**

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Lecturer of Computing  
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Email: [dmalcol1@kennesaw.edu](mailto:dmalcol1@kennesaw.edu)  
Faculty Page: <http://facultyweb.kennesaw.edu/dmalcol1/>

**Class Location and Meeting Times:** Gymnasium 010 – MWF 12:20pm to 1:10pm

**MASKS ARE REQUIRED FOR ALL FACE TO FACE MEETING**

### **COURSE DESCRIPTION, CREDIT HOURS, AND PREREQUISITES**

The second course in computer science provides coverage of more advanced topics of object-oriented programming. This includes the use of static variables and classes, multi-dimensional arrays, inheritance and polymorphism, text files and exception handling, recursion, and parameterized types. Elementary data structures (linked lists, stacks, and queues) are introduced to solve application problems. Graphical user interfaces and event driven programming are also introduced. Students must continue to use good programming style including proper documentation.

**Co-Requisites:** CSE 1322L

**Pre-Requisites:** A grade of B or better in CS 1301/CSE 1301/CSE 1321 and CSE 1321L

**Credit hours:** 3

**Office Hours:** Please find at: [http://ccse.kennesaw.edu/fye/office\\_hours.php](http://ccse.kennesaw.edu/fye/office_hours.php)

## **COURSE LEARNING OUTCOMES**

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

1. Demonstrate more advanced skills in programming, including the ability to handle multi-dimensional arrays
2. Demonstrate file handling techniques and exception code.
3. Recognize the difference between iterative and recursive approaches.
4. Demonstrate the ability to use linked lists, stacks, and queues in problem solving.
5. Compare “program driven” and “event-driven” approaches to user interaction, including the relationship between event-driven programs and Graphical User Interfaces
6. Discuss principles of concurrency and parallelism

## **ACADEMIC POLICIES**

In order to make and run this course better, the FYE commit has all-rights reserved to make/change/update rules and policies that override any missing or conflicting statement, if any, in this document. So, for the updated and detail policies, please always refer to the FYE policies, available at: <https://ccse.kennesaw.edu/fye/policies.php>

## **COMMUNICATION POLICY**

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 and section on the subject line or at the top of the email.*

**Emails sent via D2L will be responded to but there may be a delay in responding to them. Direct emails to [dmalcoll@kennesaw.edu](mailto:dmalcoll@kennesaw.edu) from your KSU Student Email is the preferred and quickest way to get a response.**

## **Textbooks and Other Resources**

- Lecture/Lab: [Java, Java, Java](#) from Trinity College
- Lecture/Lab: [Fundamentals of Computer Programming with C#](#)

## Lecture Slides

- [Lecture slides for CSE 1322](#)

## Downloads from D2L

Other electronic resources as made available by the instructor

Technology requirements: Webcam (for all students)

Teaching Assistant – GTAs. Information available at: <https://ccse.kennesaw.edu/fye/staff.php>

Additional FYE Resources Page: <https://ccse.kennesaw.edu/fye/resources.php>

## TEACHING PHILOSOPHY AND INSTRUCTION METHODS

*How to Succeed in this Class:* Here are three 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.
- **Read the textbooks:** You will get a lot more out of this class, and so be able to give back more on the assignments, assessments, and examination, if you read the assigned parts of the textbooks *before* the material is first due to be discussed. In my experience, students who don't complete the reading before it is discussed either never complete it or try to cram it all in just before the exam. That doesn't work.
- **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.

### 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 5pm EST on Friday (I may not respond to emails sent during weekends or holidays).
- I will be 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.
- I will be on time in class according to the schedule.
- I will use the lecture slides from the CCSE website alongside in class examples and old test questions to present the material
- 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 to come to class on time and actively participate to 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.

## **COURSE CONTENT AND REQUIREMENTS/GRADING SCALE**

Course Topics and Outline are briefly included with the Course Schedule that is available at <https://ccse.kennesaw.edu/fye/courseschedules.php>

### **Final Exam Schedule**

The Final Exam will be scheduled by the Registrar's Website. Once that has been set up will be available on the above course schedule page.

### **Exam Conflicts**

If the final examination schedule results in an individual student having two examinations at the same time, the student should email the course instructor. For the updated and detail info, please refer to the FYE policies, available at: <https://ccse.kennesaw.edu/fye/policies.php>

### **Grading Scale and Course Policies**

This course will include the following graded components:

Quizzes (in D2L)	25%
Test 1	25%
Test 2	25%
Test 3 (Final Exam)	25%

The instructor will make every effort to have tests graded within two weeks. Tests will be graded for correctness and completeness, as per the grading rubrics. Copies of your quizzes and tests will be kept for our records.

<b>No individual extra credit work will be given to improve one's grade.</b>
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### **Regrade Requests in Gradescope:**

Regrade Requests must be submitted through Gradescope within three (3) business days of the grade being published. Regrade Requests should be submitted per question and should abide by the communication policies of KSU. You will receive an email from Gradescope (to your KSU Student Email) when the grades are published with the end date for regrade requests for each test/exam.

For the updated and detail info, please refer to the FYE policies, available at:  
<https://ccse.kennesaw.edu/fye/policies.php>

Lowest quiz grade will be dropped when calculating the quiz average.

**If all three (3) tests are taken by a student, their single lowest test grade will be replaced by the cumulative final exam grade (if it is higher than the test grade).**

### **Grading Scale:**

89.5% - 100%	A
79.5% - 89.5%	B
69.5% - 79.5%	C
59.5% - 69.5%	D
59.4% or below	F

### **Course Policies:**

Late Work and Makeup Tests:

**Late work will not be accepted.**

**No make-up tests will be allowed. Final Exam will replace any missed test grades.**

If a student must miss the final exam due to a documented, legitimate reason (illness with documentation, family death, etc.), then a make-up exam will be administered. To coordinate this, contact the instructor as soon as possible. It is the responsibility of the student to coordinate this in a timely manner and to provide documentation before the make-up exam will be given.

### **Proctored Exams:**

On campus sections students are used to proctored exams, and students should expect to attend exams.

**KSU ID# is required for all tests and exams (online or in person). Please make sure you that you know your KSU ID# or have your KSU Talon Card with you for all tests and exams.**

Online students should ALSO note that proctored exams are required for the online test(s) of this course, as well. For the online test(s) students must take proctored exams at scheduled time using Respondus LockDown Browser with Respondus Monitor.

**A webcam, along with uninterrupted Internet connection, is required for the online test for this course.**

In case you encounter a situation in which a proctored exam is necessary. The KSU Testing Center offers proctored exam services. Please note, some of these services have a charge affiliated with them. <http://testing.kennesaw.edu/faculty/request-services.php> . That means a Proctored exam might require a fee.

For the updated and detail info, please refer to the FYE policies, available at: <https://ccse.kennesaw.edu/fye/policies.php>

## **Course Technology:**

Technology requirements: Webcam (for all students)

## **Electronic Devices and Classroom Behavior Policy**

In order to minimize the level of distraction, all beepers and cellular phones must be on quiet mode during class meeting times. Students who wish to use a computer/PDA for note taking need prior approval of the instructor since key clicks and other noises can distract other students. Recording of lectures by any method requires prior approval of the instructor. Students using a laptop in class should not check their email, browse the web, or in other way detract from the focus of the class.

Students are reminded to conduct themselves in accordance with the Student Code of Conduct, as published in the Undergraduate and Graduate Catalogs. Every KSU student is responsible for upholding the provision. Students who are in violation of KSU policy will be asked to leave the classroom and may be subject to disciplinary action by the University.

### **Tutoring:**

The College of Computing and Software Engineering offers some tutoring services for this course. Tutoring info can be found here: <http://ccse.kennesaw.edu/ccselabs/ccse-tutoring.php>

## **COURSE WITHDRAWAL**

See below for commentary on withdrawals from the 2019-2020 Graduate Catalog:

Students may withdraw from one or more courses up to one week prior to the last day of class. To completely or partially withdraw from classes at KSU, a student must withdraw online at [www.kennesaw.edu](http://www.kennesaw.edu), under Owl Express, Registration and Student Records. Students who officially withdraw from courses before mid-semester will receive a "W" in those courses and receive no credit. They will not, however, suffer any academic penalty. Students who officially withdraw after mid-semester one week prior to the last day of class will receive a "WF," which will be counted as an "F" in the calculation of their grade point average. Exact withdrawal dates will be published in the official academic calendar and are subject to approval by the Board of Regents.

For attendance verification, faculty may assign "non-attendance" or submit a grade of W or WF for students who stop attending class and do not officially withdraw along with the last day of known attendance.

The only exceptions to these withdrawal regulations will be for instances involving unusual circumstances that are fully documented.

Students will receive refunds only when they withdraw from all their classes and only by the schedule outlined in the University System refund policy.

## **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. Students who withdraw for military reasons will receive a WM grade in all courses and receive a refund of tuition and mandatory fees and a pro rata refund of other fees. Students who would like to withdraw for military reasons must submit a copy of their official orders to the Registrar's office. Military withdrawals do not count as part of the eight (maximum) allowed withdrawals.

## **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. Students requiring such accommodations are required to work with the University's Office of Student Disability Services rather than engaging in this discussion with individual faculty members or academic departments. If, after reviewing the course syllabus, a student anticipates or should have anticipated a need for accommodation, he or she must submit documentation requesting an accommodation and permitting time for a determination prior to submitting assignments or taking course quizzes or exams. Students may not request retroactive accommodation for needs that were or should have been foreseeable. Students should contact the office as soon as possible in the term for which they are seeking accommodations. Student Disability Services is located in the Carmichael Student Center in Suite 267 on the Kennesaw campus or Building A in Suite 160G on the Marietta campus. Please visit the [Student Disabilities Services website](#) for more information, or call the office at 470-578-2666 (Kennesaw campus) or 470-578-9111 (Marietta campus).

## **GRADE APPEALS AND STUDENT COMPLAINTS**

See below for commentary on withdrawals from the 2019-2020 Graduate Catalog:

Grade appeal will follow the level of the course. Students' rights to grade appeals are defined in the university catalog. A key element in the grade appeal procedure is the faculty member's responsibility to publish a specific grading policy for each of his/her classes. Specifically, the grade appeal procedure states: "Each faculty member must specify his/her grading policy, at the first of the semester. He/she may change his/her grading policy for cause after that time, but he/she must do so uniformly, with ample notification to students, if at all possible."

Note that failure to publish the grading policy would mean that a faculty member would have great difficulty in sustaining his/her assigned grade if a student appealed with anything but a frivolous or irresponsible basis for his/her charge. The grading policy should be quite specific and should be distributed to each class in written form. Some departments may also require faculty members to file grading policy statements in the departmental office. Because the student can submit a grade appeal to the Department Chair within 20 business days after the first day of classes of the next academic term after the academic term in which the final grade was awarded to the student (see Grade Appeals Procedure, section B), it is strongly recommended that instructors retain any student papers, tests, projects, or other materials not returned to the student for 70 days after the end of a semester or if an appeal is filed until the appeal is resolved. Refer to the following section for specific grade appeal procedures.

Students can find more details regarding the appeal process here:

<http://catalog.kennesaw.edu/>

## **ACADEMIC INTEGRITY**

Every KSU student is responsible for upholding all provisions of the Student Code of Conduct, as published in the Undergraduate and Graduate Catalogs. The Code of Conduct includes the following:

- A. Section II 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 University Judiciary Program, 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.
- B. Students involved in off-campus activities shall not act in a disorderly or disruptive fashion, nor shall they conduct any dangerous activity.
- C. Students involved in off-campus activities shall not take, damage or destroy or attempt to take, damage or destroy property of another.

Additional information can be found at the following locations:

- <http://www.apa.org/journals/webref.html>
  - <http://bailiwick.lib.uiowa.edu/journalism/cite.html>
  - <http://www.indiana.edu/~wts/wts/plagiarism.html>
  - <http://www.virtualsalt.com/antiplag.htm>
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## **CAMPUS POLICIES**

**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. [Student Conduct and Academic Integrity](#) (SCAI) includes: the general Student Code of Conduct, the Residential Code of Conduct, and the Code of Academic Integrity.



KSU Web Accessibility Policy Statement:

Federal law Section 508 Subsection 1194.22 of the Rehabilitation Act and the Board of Regents (BOR) of the University System of Georgia (USG) Web Accessibility Guidelines require that all web content meet the federal government's accessibility guidelines. As such, KSU complies with USG guidelines.

University accessibility assistance is provided by several offices as noted below. Staff in these offices work to accommodate requests for access or assistance with access as soon as possible in order to either accommodate the request or identify an effective alternative for the requestor.

Student Support Services  
Student Disability Services  
470-578-2666  
[studentdisability@kennesaw.edu](mailto:studentdisability@kennesaw.edu)

Student Technology Assistance  
University Information Technology Services  
470-578-3555  
[studenthelpdesk@kennesaw.edu](mailto:studenthelpdesk@kennesaw.edu)

Third Party Technology Assistance  
University Information Technology Services  
470-578-6999  
[service@kennesaw.edu](mailto:service@kennesaw.edu)

Confidentiality and Privacy Statement (FERPA):

Kennesaw State University adheres to the Family Educational Rights & Privacy Act of 1974 - FERPA. See the following link for more information:

[http://usg.edu/information\\_technology\\_handbook/section9/tech/9.5\\_privacy\\_and\\_security](http://usg.edu/information_technology_handbook/section9/tech/9.5_privacy_and_security)

University - Student Rights & Responsibilities:

Students of Kennesaw State University are entitled to an environment that is conducive to learning and individual growth. To this end, students enrolling at Kennesaw State University assume a responsibility to abide by the policies and regulations expressed in this section. By doing so, students may fulfill their responsibilities and enjoy the exercise of their own rights while also respecting the rights of others.

<http://catalog.kennesaw.edu/content.php?catoid=27&navoid=2263>

Ethics Statement:

All students are responsible for knowing the information, policies and procedures outlined in the Kennesaw State University Codes of Conduct. The KSU Codes of Conduct include: the general Student Code of Conduct, the Residential

Code of Conduct, and the Code of Academic Integrity. Kennesaw State University reserves the right to make changes to this code as necessary and once those changes are posted online, they are in effect. Students are encouraged to check online for the updated versions of all policies.

<http://scai.kennesaw.edu/codes.php>

#### Sexual Misconduct Policy:

Kennesaw State University is committed to providing programs, activities, and educational environment free from all forms of sex discrimination. For more information click here. KSU issues this statement of policy to inform the community of the University's comprehensive plan addressing sexual misconduct, educational programs, and procedures that address sexual assault, domestic violence, dating violence, and stalking, whether the incident occurs on or off campus. This policy generally covers faculty, students, and staff of the University, as well as third parties. Third parties include but are not limited to guests, vendors, contractors, retirees, and alumni.

<http://scai.kennesaw.edu/procedures/sexual-misconduct.php>

#### Course Accessibility Statement (ADA Statement):

<http://catalog.kennesaw.edu/content.php?catoid=27&navoid=2263&hl=FERPA&returnto=search#ADA>

#### Academic Feedback:

Institutional Chief Academic Officers will encourage faculty to clarify for students, at the beginning of each course, the basis on which grades will be determined and to provide timely academic feedback as the course progresses ([BOR Academic and Student handbook policy 2.18](#)).

#### Netiquette: Communication Courtesy:

All members of the class are expected to follow [rules of common courtesy in all email messages](#), threaded discussions and chats.

#### 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.

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](#).

## **ADDITIONAL STUDENT RESOURCES**

For CCSE Student resources:

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

For KSU Student resources:

[http://curriculum.kennesaw.edu/resources/ksu\\_student\\_resources\\_for\\_course\\_syllabus.php](http://curriculum.kennesaw.edu/resources/ksu_student_resources_for_course_syllabus.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>

**Disclaimer:**

Please note that this syllabus represents my current plans and objectives. As we go through the semester, those plans may need to change to enhance the class learning opportunity. Such changes, communicated clearly, are not unusual and should be expected.

## **COVID-19 Syllabi Statements**

### **Face Masks in the classroom**

As mandated by the University System of Georgia, the university requires the use of face masks in the classroom and in KSU buildings to protect you, your classmates, and instructors. Per the University System of Georgia, anyone not using a face covering when required will be asked to wear one or must leave the area. Repeated refusal to comply with the requirement may result in discipline through the applicable conduct code.

Reasonable accommodations may be made for those who are unable to wear a face covering for documented health reasons. Please contact Student Disability Services at [sds@kennesaw.edu](mailto:sds@kennesaw.edu) for student accommodation requests.

### **Shifting Modalities**

Please note that the university reserves the right to shift teaching modalities at any time during the semester, if health and safety guidelines require it to do so. Some teaching modalities that may be used are F2F, Hyflex, Hybrid, or online, both synchronous and asynchronous instruction.

### **Staying Home When Sick**

If you are ill, please stay home and contact your health professional. In that case, please email the instructor to say you are missing class due to illness. Signs of illness include, but are not limited to, the following:

- Cough
- Fever of 100.4 or higher
- Runny nose or new sinus congestion
- Shortness of breath or difficulty breathing
- Chills
- Sore Throat
- New loss of taste and/or smell

### **Seating Plans**

Students will sit in the same seat for every F2F class so that the instructor can use a seating plan for contact tracing if a student contracts Covid-19.

## **Grouping Plan for In-person Class Attendance**

Students are expected to attend all lecture. However, due to the COVID-19 Pandemic situation, in order to maintain social distancing, the instructor may divide the entire class into two or more sections and ask the students to come and join in the face-to-face classes in alternative days.

This is up to the course instructor how the grouping will be made and called for the face-to-face classes.

For instance, students with the odd last digit of their KSU ID numbers may be called as ODD\_Last\_KSU\_ID\_DIGIT Group may be asked to attend in Tuesday lectures and students with the even last digit of their KSU ID numbers may be called as EVEN\_Last\_KSU\_ID\_DIGIT Group may be asked to attend in Thursday lectures.

This will be announced in D2L. Please follow the instructor's grouping plan and be cooperative with him/her to maintain social distancing.