CSE 1322/02 – Programming and Problem Solving II
Spring - 2020

SYLLABUS

FACULTY AND COURSE INFORMATION

Instructor: Douglas Malcolm, MBA & MSIS
Email: dmalcol1@kennesaw.edu
Faculty Webpage: http://facultyweb.kennesaw.edu/dmalcol1/
Office Location: J-353D
Office phone: 470-578-5618
Class Location and Meeting Times: Q-202 Monday, Wednesday & Fridays – 12:20pm to 1:10pm

Course Communication and Office Hours- Email from your KSU Student Email to my KSU Email address or stop by during my office hours (MWF 9am-11am or by appointment). I will do my best to respond within a few hours and will respond within 24 hours Monday through Thursday until about 10pm and Friday until 3pm or so. I may not respond on weekends or holidays depending on what I have going on with my family.

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

COMMUNICATION POLICY

The instructor only guarantees replies to emails received from your Kennesaw email account (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.*

Please do not send emails using D2L. Because the reply may not be gone/forwarded to your D2L email system.

Required Texts or Other Resources:

Java:

Introduction to Java Programming, Comprehensive Version, 10th Edition
Author: Y. Daniel Liang
Published: Copyright 2015, Pearson Education, Inc. publishing as Prentice Hall
C#

Fundamentals of Computer Programming with C# by Svetlin Nakov, Veselin Kolev & Co. (free, available on online)

Downloads from D2L:

Other electronic resources as made available by the instructor
Technology requirements: Webcam (for online 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

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

TEACHING PHILOSOPHY AND INSTRUCTION METHODS
I will use the PowerPoint slides provided by the course coordinator supplemented by code examples shown in class and posted on Repl.it via my Faculty Webpage. In addition, I will have volunteers come down and show their code or work to help them practice with coding.
I am willing to look over code during office hours or via email (send me the unzipped code files, no screenshots) and I will respond when I am able to do so with my advice or critique of your code.

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.

Grading Scale and Course Policies

This course will include the following graded components:

Quizzes (in D2L)	20%
Test 1	20%
Test 2	20%
Test 3	20%
Test 4 (Final Exam)	20%

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.

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.

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

If all four (4) 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.

Attendance:

On campus sections: The Instructor expects your attendance at each and every class/lab and discussion. Grade performance is a demonstrated function of attendance, preparation and participation. You can get behind very easily by skipping classes, resulting in a poor understanding of the material, which will show up as a poor grade for the class. Any class sessions missed by the student are the student's responsibility to make up, not the instructor's. Late arrival that causes disruption, early departure that causes disruption, excessive conversation among students (a disruption in its own right), inappropriate use of electronic devices that cause disruptions and other actions that disrupt the classroom are unacceptable.

Attendance will be taken via Arkaive and a bonus of up to 1.5 points can be earned. Bonus points are determined by percentage of sessions attended (logged via Arkaive) and are added to the final grade at the end of the semester.

Online sections: The instructor expects your active participation and weekly engagement in course activities. Students may be required to actively participate in class discussions and complete all course assessments by the due date. Students are expected to check the course at least three days a week to actively participate in the weekly discussions. If you find that you cannot meet above requirements, contact your instructor as soon as possible.

Bonus of up to 1.5 points can be earned by taking the Online Attendance Quiz at the end of the semester. Bonus points are determined by percentage scored on quiz times 1.5 and are added to the final grade at the end of the semester.

Proctored Exams:
On campus sections students are used to proctored exams, and should expect to attend all classes, as well as proctored 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 version of this course, as well. Online students must take proctored exams at scheduled time as assigned by instructor at http://proctorU.com or Respondus LockDown Browser with Respondus Monitor.

A webcam is required for the proctoring software for online students.

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.

Course Technology:

Technology requirements: Webcam (for online 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 courses. 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, 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/

Copyright Law

It is the responsibility KSU faculty and students to respect the rights of copyright holders and complying with copyright law. The University System of Georgia recognizes that the exclusive rights of copyright holders are balanced by limitations on those rights under federal copyright law, including the right to make a fair use of copyrighted materials and the right to perform or display works in the course of face-to-face teaching activities. The University System of Georgia facilitates compliance with copyright law and, where appropriate, the exercise in good faith of full fair use rights by faculty and staff in teaching, research, and service activities. The University System of Georgia ensure compliance with copyright law in the following ways.

A. The USG informs and educates students, faculty, and staff about copyright law, including the limited exclusive rights of copyright holders as set forth in 17 U.S.C. § 106, the application of the four fair use factors in 17 U.S.C. § 107, and other copyright exceptions.

B. The USG develops and makes available tools and resources for faculty and staff to assist in determining copyright status and ownership and determining whether use of a work in a specific situation would be a fair use and, therefore, not an infringement under copyright law;

C. The USG facilitates use of materials currently licensed by the University System of Georgia and provides information on licensing of third-party materials by the University System; and

D. The USG identifies individuals at the University System and member institutions who can counsel faculty and staff regarding application of copyright law.

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

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

Student Technology Assistance
University Information Technology Services
470-578-3555
studenthelpdesk@kennesaw.edu

Third Party Technology Assistance
University Information Technology Services
470-578-6999
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

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:
https://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

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.