



SYLLABUS
COLLEGE OF COMPUTING AND SOFTWARE ENGINEERING
DEPARTMENT OF INFORMATION TECHNOLOGY
IT 3883: ADVANCED APPLICATION DEVELOPMENT
FALL 2024

Course Information

Class meeting time: 5:00 PM to 6:15 PM on Tuesdays.

Modality: Hybrid.

Location: Architecture 175 for in-person sessions, and D2L for online sessions.

Instructor

Name: Ying Chen

E-mail: ychen62@kennesaw.edu

Office Location: Norton Hall R216

Office Hours: 3:30 pm-5:00 pm on Wednesdays for in-person office hours at Norton Hall R216.
10:30 am-11:59 am on Fridays via Microsoft Teams meeting ([join the meeting](#)).

Course Communication:

- If you have any questions about our course, please contact me via either D2L email or KSU email (ychen62@kennesaw.edu). When emailing me via the KSU email, please put the course number in the subject line.
- Your emails will be replied WITHIN 24 hours during the weekday. Weekend and holidays don't apply.
- Please avoid using personal email. Sensitive information (such as your grades) can ONLY be sent to D2L email or KSU email account.

Course Description

Prerequisites/Corequisites: (IT 1323 and IT 1323L) or (CSE 1322 and CSE 1322L)

Credit Hours: 3 class hours, 2 lab hours, 4 credit hours

Required Texts: None

Course Description:

This course will allow the student to learn a second programming language and application development. Topics include review of language fundamentals, features of the programming language and development environment, and software development processes. This course will include course projects for hands-on experience with processes and tools.

Technology Requirements:

- This class uses D2L as the hosting site. Run a system check to ensure your computer work

with D2L. Check out UITS D2L training: <http://uits.kennesaw.edu/support/d2ltraining.php> .

- Internet Connection. A high-speed Internet connection such as DSL or cable Internet access is highly recommended. You may also use computer labs on campus to complete the coursework.
- A web camera is required for a student to take quizzes/exams.

Student Learning Outcomes

By the end of this course, a student should be able to:

1. Analyze real-world problems and design algorithmic/programming solutions.
2. Use conditional expressions, functions, and control structures.
3. Analyze, write, test and debug program code.

Course Requirements and Assignment

Discussions

There will be 7 graded discussions, as well as one introductory discussion (module 0 discussion).

Exams

There will be four exams. Each one will be comprehensive and may include material covered in the previous exam(s). The midterm lab exam will be similar to the lab assignments and will require you to write a python program.

All exams will be administered through D2L on the date as noted in the calendar and announcement tools. You are required to write Python code for the lab exam.

The multiple choice tests will be taken through D2L in the 'Quizzes' section.

Access to the exams will only be available during specific times.

Lab assignments

For labs, you are required to write Python code. Please be sure to include the Python source file in your submission. Any assignment that does not have a source file will be considered incomplete and earn a grade of 0.

File Header: At the start of each of your source files please include this header. This ensures that your name is on your work and that during the grading process, any files you submit can be attributed to the correct assignment.

Program Name: Yourlabname.py (use the name the program is saved as)

Course: IT3883/Section XXX

Student Name: Yourfirstname Yourlastname

Assignment Number: Lab#

Purpose: What does the program do (in a few sentences)?

File Formats: When submitting files to D2L, please use only .txt, .doc, .docx, .py, or .pdf in order to ensure I can view and grade your work. Any assignments submitted in a format I cannot open, will not be accepted.

Evaluation and Grading Policies

Course Information: The D2L content, links and other supplemental material will be the basis for all test taking and assignments. You will have 3 tests, 7 programming assignments (plus 1 programming assignment in Module 0 for extra credits), and 8 discussions. There will also be a midterm lab exam.

Course Schedule

Course schedules are as noted in the calendar tool in D2L.

Grading Policy

Your final grade will be based on the number of points you earn during the semester.

Introductory discussion (module 0 discussion): 1 point of final grade

7 Discussions: 2 points each = 14% of final grade

7 Programming Labs: 5 points each = 35% of final grade

3 Exams: 10 points each = 30% of final grade

Midterm lab exam: 20 points of final grade

Extra credits for Lab 0: 2 points

Grading Scale:

> 90% A

80% - 89% B

70% - 79% C

60% - 69% D

0% - 59% F

Course Policies

Course Attendance Policy

- Students are expected to come to each class on time. Stay during the whole class period.
- Students' attendance is also measured by how often a student login in D2L course website, participation of online discussion, as well as on-time completion of homework.

Grading Items Turnaround Time

- The grades for the quizzes and exams will be available 72 business hours after the due date
- The grades for labs/assignments will be available 96 business hours after the due date

Assignments & Exam Policy

- All assignments **MUST** be submitted through D2L (<https://kennesaw.view.usg.edu/>) course website by the deadline specified in course calendar. Email submission will **NOT** be accepted. Any assignment that is less or equal than 24 hours late is subject to 30% penalty. Any assignment that is more than 24 hours late will **NOT** be accepted.
- All discussions and exams **MUST** be completed on D2L website by the deadline specified in course calendar. The exams can't be opened/submitted after the deadline.
- If you must miss an exam due to illness, you must e-mail the instructor before the scheduled time. Failure to notify the instructor prior to the scheduled time will produce an automatic zero for the exam. NO makeup test except for emergencies with proof (e.g. doctor's slip).

Proctored Exam

Respondus Lockdown Browser + Web Camera will be used for the exams. LockedDown Web Browser Student Guide: https://apps.kennesaw.edu/files/pr_app_uni_cdcc/doc/Respondus-LockDown-Browser_StudentGuide.pdf

Please contact the instructor if you have any questions.

Student Responsibility

For this class, you are expected to spend eight to twelve hours each week on coursework:

- Check KSU email regularly;
- Login D2L course website frequently to access the course material (at least every other day);
- Follow the weekly study guide in the learning module;
- Study the assigned material such as virtual lectures, textbook chapters and the PowerPoint slides;
- Complete assigned quiz/assignment/discussion/project on time.

Tips for Effective Online Learning

For an online class, students can really enjoy the benefits of learning at your own pace and at the place of your choice. Below are some tips for effective online learning.

- *Check D2L course website frequently.* It's recommended that students should login D2L course site **AT LEAST** every other day. Always be aware of current status of the course. Take advantage of the posted learning material such as recorded lectures.
- *Work with the instructor closely.* If you have any questions, contact the instructor immediately. You can email me and your message is guaranteed to be replied within 24 hours.
- *Start your work early.* If you can start a task early, don't start late. Assuming you spend the same amount of time completing the task, starting later will be much more stressful than starting early. Never start until the last minute! You'll have no turnaround time if you need help or something happens.
- *Keep up with the work.* Don't fall behind. If you do, contact the instructor immediately for what you need to do. The instructor may also contact you if he is concerned. Respond to the instructor's inquiry promptly.

Class Communication Rules

In any classroom setting there are communication rules in place that encourage students to respect others and their opinions. In an online environment, the do's and don'ts of online communication are referred to as **Netiquette**. Please keep the following in mind when communicating with others:

- Be sensitive and reflective to what others are saying.
- **Avoid typing in all capitals** because it is difficult to read and is considered the electronic version of 'shouting'.
- Don't flame - These are outbursts of extreme emotion or opinion.
- Think before you hit the post (enter/reply) button. You can't take it back! Don't use offensive language.
- Use clear subject lines.
- Don't use abbreviations or acronyms unless the entire class knows them. Be forgiving. Anyone can make a mistake.
- Keep the dialog collegial and professional, humor is difficult to convey in an online environment.
- Always **assume good intent** and **respond accordingly**. If you are unsure of or annoyed by a message, wait 24 hours before responding.

Course Schedule

Please use D2L course calendar as accurate due dates.

The academic calendar can be found at: <https://registrar.kennesaw.edu/academic-calendars/index.php>

Important dates:

- Add/Drop ends: August 16 11:45pm
- Last Day to Withdraw: Oct 25 11:45 p.m.
- Last Day of Class: Dec 2.

Institutional Policies

- [Federal, BOR, & KSU Course Syllabus Policies.](#)
- [Academic Integrity Statement.](#)
 - Examples of violation of academic integrity: 1) copy from others or from Internet; 2) allow others to copy your work; 3) use other's help or help other in completing the quizzes or exams.
 - The first violation of academic integrity, the student will immediately receive 0 for the associated grading item. For the 2nd violation, the student will receive a fail grade for this course.
 - You may not misappropriate the intellectual property of a member of the Faculty, another student, an online resource or other source even if you paid for them to do your work. Ideas, and course content are the intellectual property of the author irrespective of whether they are written in a book, course online content including assignments, course lectures or a paper.
 - Kennesaw State University prohibits the misappropriation of intellectual property (which is a form of theft), which can result in discipline for a student, up to and including dismissal from the University. If the student is also a member of a profession with an applied code of ethics, it may additionally result in professional discipline, as well as subjecting the student to any civil legal remedies protecting intellectual property.
- Please refer to the KSU's "Student Code of Conduct" [here](#).
- [KSU sexual Misconduct Policy & Ethics Statement.](#)
- [Reasonable Accommodation.](#) A student anticipating a need for accommodation, must submit documentation requesting an accommodation in a timely fashion to permit time for a determination prior to submitting assignments or taking course quizzes or exams. Students may not request retroactive accommodation. 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 Joe Mack Wilson Student Center in Suite 160. For more information, please call 470-578-4636 or visit the Student Disability Services websites at <https://www.kennesaw.edu/student-affairs/dean-of-students/student-disability-services/>.
- [Student Privacy \(FERPA\).](#)
- Course Evaluation. Students can participate in the course evaluation from November 4 to December 2. The course evaluation system sends notifications when evaluations open, as well as several reminders throughout the evaluation period. In addition, students see an active link when they log into their D2L.

Student Resources

This link contains information on help and resources available to students: [KSU Student Resources for Course Syllabus](#)