



SYLLABUS COLLEGE OF COMPUTING AND SOFTWARE ENGINEERING

DEPARTMENT OF INFORMATION TECHNOLOGY

IT 3883: ADVANCED APPLICATION DEVELOPMENT
Fall Semester 2023

Course Information

Class meeting time: W:5:00PM-6:15PM

Modality: *Hybrid*

Location: *Online and Atrium Building-260*

Instructor

Name: Yu Feng

E-mail: yfeng2@kennesaw.edu

Office Hours: W: 6:15pm-7:00pm after class; F: 3-5pm online

Course Communication:

- Email is the best way to reach the instructor. Use D2L email if possible. Instructor's KSU email (yfeng2@kennesaw.edu) should only be used when you don't have access to D2L site.
- Students' emails will be replied WITHIN 24 hours during the weekday. Weekend and holidays don't apply.
- When email the instructor using accounts other than D2L email, put the course number in the subject line. Emails without proper subject line will not be replied.
- 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 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/exam.

Student Learning Outcomes

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

1. Analyze the 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.

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#
```

```
# Due Date: xx/xx/ 20XX
```

```
# 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, and 8 discussions.

There will a midterm lab exam.

Course Schedule

Course due dates 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: 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

Grading Scale:

90% - 100% A

80% - 89% B

70% - 79% C

60% - 69% D

0% - 59% F

Course Policies

Course Attendance Policy

- For on campus/hybrid section, students are expected to come to each class on time. Stay during the whole class period.
- For both campus/hybrid and online section, 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 48 business hours after the due date
- The grades for labs/assignments/projects 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 or call 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_cdoc/doc/Respondus-LockDown-Browser_StudentGuide.pdf

Please contact the instructor if you have any questions.

Faculty LockedDown browser guide: https://apps.kennesaw.edu/files/pr_app_uni_cdoc/doc/Respondus-LockDown-Browser_FacultyGuide.pdf

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 question, contact the instructor immediately. You can either email or text me and your message is guaranteed to be replied within 12 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**. As a student in my course you should:

- 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: Aug 14(M)-18(F)
- Last Day to Withdraw Without Academic Penalty: Oct 10(Tu) 11:45 p.m.
- Last Day of Class: Dec 4(M)

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.

KSU Statements on Course Delivery and COVID-19

Course Delivery

KSU may shift the method of course delivery at any time during the semester in compliance with University System of Georgia health and safety guidelines. In this case, alternate teaching modalities that may be adopted include hyflex, hybrid, synchronous online, or asynchronous online instruction.

COVID-19 illness

If you are feeling ill, please stay home and contact your health professional. In addition, please email your instructor to say you are missing class due to illness. Signs of COVID-19 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

COVID-19 vaccines are a critical tool in "Protecting the Nest." If you have not already, you are strongly encouraged to get vaccinated immediately to advance the health and safety of our campus community. As an enrolled KSU student, you are eligible to receive the vaccine on campus. Please call (470) 578-6644 to schedule your vaccination appointment or you may walk into one of our student health clinics.

For more information regarding COVID-19 (including testing, vaccines, extended illness procedures and accommodations), see KSU's official [Covid-19 website](#).

Masks

While masks are no longer mandated on campus, you are strongly encouraged to wear a mask when in class if you have not received a COVID-19 vaccination.

Student Resources

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