



SYLLABUS
COLLEGE OF COMPUTING AND SOFTWARE ENGINEERING
DEPARTMENT OF INFORMATION TECHNOLOGY
IT 1114: PROGRAMMING PRINCIPLES
FALL 2022

Course Information

Class meeting time: *Day(s) and Time*

Modality and Location: *Face to Face course; Building and Room Number*

Syllabus is posted in D2L

Instructor

Name: XXX

E-mail: XXX

Office Location: XXX

Office Phone: XXX

Office Hours: XXX

Course Communication:

- Email is the best way to reach the instructor. Use KSU Email if possible.
- Students' emails will be replied to WITHIN 24 hours during the weekday. Weekend and holidays don't apply.
- When emailing the instructor, please include your course number and section in the subject line. Emails without proper subject line will not be replied to.
- Avoid using personal email. Sensitive information (such as your grades) can ONLY be sent to your D2L or KSU email account.

Course Description

Concurrent: IT1114L

Credit Hours: 3

Required Texts: None

Recommended Texts: None

Course Description:

This course provides an introduction to object-oriented programming. Upon completion of this course, the student will design, code, debug, document and apply the basic concepts of structured programming. This will include basic syntax and semantics for sequence, conditional, and iteration control structures, design & use of functions, and single dimensional arrays. The student will be able to solve problems by designing and modularizing their solutions with proper use of functions and objects.

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> .

Student Learning Outcomes

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

- Describe primitive and array data types, arithmetic expressions in programs.
- Explain basic programming structures in program solutions such as logical expressions, selection, and repetition.
- Design and modularize solutions with proper use of functions and objects
- Solve programming problems which include searching and sorting of array
- Describe how the guidelines enhance readability and promote correctness in programs.

Course Requirements and Assignment

This course will consist of 12 lab assignments. Lab will be distributed through D2L and all submissions must be turned in through the D2L.

The textbook, D2L content, links and other supplemental material will be the basis for all test taking and assignments. You will have 3 tests and 13 discussions. There will be no additional final exam.

Exams

There will be three exams. Each one will be comprehensive and may include material covered in the previous exam(s). Each exam will consist of two parts: An open book take-home section and a multiple choice section administered through D2L.

For all students, the take-home section will be distributed and turned in through the D2L assignments section. Access to the take-home section will only be available during the exam period. (Please see the course schedule for exact dates and times.) Any submissions after the decline will not be accepted. This will be an open book, open notes section.

For all students, the multiple choice section will be taken through D2L in the 'Quizzes' section. Again, access to this section will only be available during specific times.

Your submission MUST include a source file and a screenshot of your output. A screenshot of your code is not sufficient. **Any assignment that does not have a source file will be considered incomplete and may not be accepted.**

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 during the grading process, any files you submit can be attributed to the correct assignment.

```
# Program Name: Lab1.py (use the name the program is saved as)
# Course: IT1113/Section XXX
# Student Name: John Doe
# 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, .jpeg, .png, .py, or .pdf in order to ensure I can view your work. Any assignments submitted in a format I cannot open, will not be accepted.

Evaluation and Grading Policies

Weight Distribution

Grading Item	Weight
13 Discussions	25%
3 Exams	75%
Total	100%

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 and stay during the whole class period.
- For all sections, students are expected to check D2L regularly, participate in the online discussions if any, and complete any assignments given on time.

Grading Items Turnaround Time

- The grades for labs assignments will be available one week after the due date

Assignment 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 submitted after the due date will **NOT** be accepted.

Student Responsibility

For this class, you are expected to spend seven to eight 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 you 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.
- *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

The course schedule is tentative and is subject to change. Please use D2L course calendar as accurate due dates.

[Can be week by week for day by day. Should highlight content covered, assignments, and exams. Academic calendar can be found at: <https://registrar.kennesaw.edu/academic-calendars/index.php>]

Week	Date	Course Contents	Notes
01	8/17 - 8/19	Intro to OO (object oriented) programming	
02	8/24 - 8/26	Syntax - Variables	
03	8/31 - 9/2	Variables cont.	
04	9/7 - 9/9	Simple expression	
05	9/14 - 9/16	Complex expression, logical statement	
06	9/21 - 9/23	<i>Logical statement</i>	
07	9/28 - 9/30	<i>Iteration</i>	
08	10/5 - 10/7	Iteration cont.	
09	10/12 - 10/14	Method	
10	10/19 - 10/21	Method and Class	
11	10/26 - 10/28	Class cont.	
12	11/2 - 11/4	Array	
13	11/9 - 11/11	Array, string	
14	11/16 - 11/18	Exception handling	
15	11/23 - 11/25	<i>File reading</i>	
16	11/30 - 12/2	File writing	
17	12/7 - 12/9	<i>Final Exam</i>	

Important dates:

- Add/Drop ends: Aug 15 11:45pm
- Last Day to Withdraw Without Academic Penalty: Oct 15 11:45 p.m.
- Last Day of Class: Dec 3.

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.

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](#).

Face Coverings

Based on guidance from the University System of Georgia (USG), all vaccinated and unvaccinated individuals are encouraged to wear a face covering while inside campus facilities. Unvaccinated individuals are also strongly encouraged to continue to socially distance while inside campus facilities, when possible.

Student Resources

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