CSE 1310: Introduction to Computers and Programming
Fall 2020

Instructor Information

Instructor(s):
Alexandra Stefan

Office Number:
ERB 625 - Due to the COVID-19 I will be available online, not in person in the office.

Office Telephone Number:
817-272-3785 (CSE Department phone number)

Email Address:
astefan@uta.edu

Faculty Profile:
http://ranger.uta.edu/~alex/

Office Hours:
MoWe 2:30pm-3pm, TuTh 12:30-1:30 or by appointment. Office hours will be online, using Teams chat: please send a chat message to contact me.

Course Information

Section Information:
CSE 1310-001

Course Webpage:
http://ranger.uta.edu/~alex/courses/1310/

Time and Place of Class Meetings:
MoWe 1:00pm - 2:20pm, online using Canvas Conferences

Description of Course Content:
This course introduces students to computers, to the algorithmic process, and to programming using basic control and data structures. The programming language is C.

Student Learning Outcomes:
- General student learning outcomes specified on the CSE 1310 departmental page. This page may have the information from the previous semester, but will be updated by the first day of classes: https://mavsuta.sharepoint.com/sites/cse13xx/SitePages/CSE-1310.aspx
- Be able to write programs that implement basic functionalities such as math functions (e.g. the factorial), processing of strings and lists, games (e.g. Tic-Tac-Toe, The Hangman) or simplistic real-world applications (e.g. a phonebook).
- Debug programs written by you or by others.
- Test programs
- When reading code, be able to explain what each line of code does and how it affects the computer state.
• Write programs to read and write text files
• Write programs where the functionality is split over three or more functions.
• Develop problem-solving skills:
  o break a problem into smaller components,
  o identify which of those you know how to do and which you do not,
  o develop solutions for each component that can then be combined to work together as a complete program
  o identify special cases for which your program may not work as expected (e.g. invalid data is given to it)

Textbook and Other Course Materials:
"C by Discovery" by Foster and Foster, 4-th edition, ISBN-13: 978-1576761700, ISBN-10: 1576761703. I am using the 4th edition, but the 3rd one is also ok. The textbook is not required. I will provide during lectures all the information that is required for the class. This book is also the official textbook for CSE 1320, but I do not know what version each CSE 1320 instructor allows or if they require the book or not.

Lectures and Communication:
The lectures will be online synchronous (during the lecture official time). The new content may be delivered during the lecture, or students may have to watch some prerecorded videos or read materials that will then be discussed during lecture time. Canvas Conference will be used for the online synchronous meetings.

Technology Requirements
The following online teaching tools will be used:
- Website - homework content, slides,
- Canvas – course announcements, video recordings, online exams, homework submission
- Teams – for office hours (for both instructor and TA).
- Respondus Lockdown - software that will block your browser when taking an exam
- A webcam (integrated in the laptop or external) – will be needed during exams (for video recording and monitoring of the student taking the exam) and possibly for some assignments where students may need to record a video as part of the assignment.
- Headphones with microphone are encouraged, but not required.
You can access tutorials on these tools by clicking on the “Get Started” Box on your Canvas Homepage.

Other Requirements:
The exams will require writing code without the use of an IDE or a compiler (i.e. without being able to run the code or the program you are writing). Practice writing your programs (for homework or practice) on paper first and then on the computer.

Grading Information
Grading and major Assignments and examinations:
Students are expected to keep track of their performance throughout the semester which Canvas facilitates, and seek guidance from available sources (including the instructor) if their performance drops below satisfactory levels; see “Student Support Services,” below.
See the Final Grade Reports Schedule for dates and deadlines related to grades.

<table>
<thead>
<tr>
<th>Assignments</th>
<th>Weight</th>
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<tr>
<td>4 Exams: 3 midterms and the final exam – 10% each See Course Schedule for exam dates. The final exam will replace the lowest midterm grade. All exams will be synchronous, during class time for midterms and during the official Final Exam time for the Final Exam. They will be using Lockdown Browser and Respondus Monitor – a video camera will be needed.</td>
<td>40% In Canvas, cumulative</td>
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<tr>
<td>Weekly Online Quizzes (in Canvas) or activities (1 online quiz with the lowest score will be dropped)</td>
<td>20% in Canvas, cumulative</td>
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The quizzes will be open for 48 hours, but once started they will have a time limit. They will not require a video camera nor the Lockdown Browser.

**Homework – about 9 programming assignments**  
40%

**Total class score**  
100%

**Make-up Exams:**  
Make-up exams or any other additional work towards "improving ones grade" will not be offered.

**Expectations for Out-of-Class Study:**  
**Practice, practice, practice!** Beyond the time required to attend each class meeting, students enrolled in this course should expect to spend an additional **12 hours** per week of their own time in course-related activities, including reading required materials, completing assignments, preparing for exams, etc.

*Before every new lecture, students should have reviewed and understood the previous lecture.* After each lecture they should type and run the programs covered in class (without using their notes if possible).

*Practice the right way! If working on a single aspect of a problem takes you a very long time, you may be doing it wrong! It should not be trial and error, but a guided process. Talk to the instructor, TA and other classmates about it.*

**Grade Grievances:**  
Any appeal of a grade in this course must follow the procedures and deadlines for grade-related grievances as published in the current University Catalog. See Undergraduate Grading Policies and Student Complaints.

**Academic Integrity:**  
The penalty for cheating or collusion in a homework or exam is a grade of **0 (for the entire exam or homework).**

*During exams, you must remain seated, have the camera on at all times and not exit the exam (in Canvas) until you finished it. The Respondus Monitor will be recording the video of you taking the exam and flag your video if suspicious behavior is detected. If after inspection I also find the behavior suspicious I will report the student to the Office of Student Conduct for cheating in an exam.*

*In cases of collusion, ALL students involved are reported to the Office of Student Conduct (even if one admits that he copied after the other). I simply report the case to this office and they will investigate and make a final decision.*

*By default, the homework for this class is individual (no group projects) unless otherwise stated in the assignment. You are NOT allowed to work as a team and develop together the homework solution (or a significant/critical part of it), or let another class mate see or have access to your code.*

*You are allowed (and encouraged) to discuss with classmates the homework requirements, but NOT specifics of the homework solution. You can practice and review programming language concepts covered in class, programs covered in class, and other practice problems that are NOT part of the homework.*

*You should reference all the resources you used in preparing for a homework solution especially if they may have influenced your solution.*
You should not store your code or homework solutions on any public, unsecure domain such as GitHub (I reported a case involving code posted on GitHub). You can use password protected cloud services such as Google Drive. Note that if you make your solutions available to others in such a way, and another student copies your solution, you will be reported together with the student who used your solution.

Please do not hesitate to talk to me regarding any concerns you may have.

**Course Schedule**

See the course schedule at: [http://ranger.uta.edu/~alex/courses/1310/Schedule_CSE1310.pdf](http://ranger.uta.edu/~alex/courses/1310/Schedule_CSE1310.pdf)

**Institution Information**

UTA students are encouraged to review the Syllabus Institutional Policies page ([https://resources.uta.edu/provost/course-related-info/institutional-policies.php](https://resources.uta.edu/provost/course-related-info/institutional-policies.php)) and reach out to the specific office with any questions. which includes the following policies among others:

- Drop Policy
- Disability Accommodations
- Title IX Policy
- Academic Integrity
- Student Feedback Survey

**Additional Information**

**Attendance:**
As the instructor of this section, I may take attendance sporadically but I will not factor it into the grade.

At The University of Texas at Arlington, taking attendance is not required but attendance is a critical indicator of student success. Each faculty member is free to develop his or her own methods of evaluating students’ academic performance, which includes establishing course-specific policies on attendance. However, while UT Arlington does not require instructors to take attendance in their courses, the U.S. Department of Education requires that the University have a mechanism in place to mark when Federal Student Aid recipients “begin attendance in a course.” UT Arlington instructors will report when students begin attendance in a course as part of the final grading process. Specifically, when assigning a student a grade of F, faculty report must the last date a student attended their class based on evidence such as a test, participation in a class project or presentation, or an engagement online via Canvas. This date is reported to the Department of Education for federal financial aid recipients.

**Emergency Exit Procedures:**
Not applicable. The class is online.

**Student Success Programs:**
UT Arlington provides a variety of resources and programs designed to help students develop academic skills, deal with personal situations, and better understand concepts and information related to their courses. Resources include tutoring by appointment, drop-in tutoring, supplemental instruction, mentoring (time management, study skills, etc.), success coaching, TRIO Student Support Services, and student success workshops. For additional information, please email resources@uta.edu, or view the Maverick Resources website.

The **IDEAS Center** ([https://www.uta.edu/ideas/](https://www.uta.edu/ideas/)) (2nd Floor of Central Library) offers FREE tutoring and mentoring to all students with a focus on transfer students, sophomores, veterans and others undergoing a transition to UT Arlington. Students can drop in or check the schedule of available peer tutors at www.uta.edu/IDEAS, or call (817) 272-6593.
Supplemental Instruction (SI) leader – to be determined if there will be an SI leader for this class.

**The English Writing Center (411LIBR):**
The Writing Center offers **FREE** tutoring in 15-, 30-, 45-, and 60-minute face-to-face and online sessions to all UTA students on any phase of their UTA coursework. Register and make appointments online at the Writing Center (https://uta.mywconline.com). Classroom visits, workshops, and specialized services for graduate students and faculty are also available. Please see Writing Center: OWL for detailed information on all our programs and services.

The Library’s 2nd floor Academic Plaza (http://library.uta.edu/academic-plaza) offers students a central hub of support services, including IDEAS Center, University Advising Services, Transfer UTA and various college/school advising hours. Services are available during the library’s hours of operation.

**Librarian to Contact:**
Each academic unit has access to Librarians by Academic Subject that can assist students with research projects, tutorials on plagiarism and citation references as well as support with databases and course reserves.

**Emergency Phone Numbers**

In case of an on-campus emergency, call the UT Arlington Police Department at **817-272-3003** (non-campus phone), **2-3003** (campus phone). You may also dial 911. Non-emergency number 817-272-3381.

**Library Information**

**Research or General Library Help**
Ask for Help
- Academic Plaza Consultation Services (library.uta.edu/academic-plaza)
- Ask Us (ask.uta.edu/)
- Research Coaches (http://libguides.uta.edu/researchcoach)

**Resources**
- Library Tutorials (library.uta.edu/how-to)
- Subject and Course Research Guides (libguides.uta.edu)
- Librarians by Subject (library.uta.edu/subject-librarians)
- A to Z List of Library Databases (libguides.uta.edu/az.php)
- Course Reserves (https://uta.summon.serialssolutions.com/#!/course_reserves)
- Study Room Reservations (openroom.uta.edu/)

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