CSE 1310: Introduction to Computers and Programming
Fall 2019

Instructor Information

Instructor(s):
Alexandra Stefan

Office Number:
ERB 625

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

Email Address:
astefan@uta.edu

Faculty Profile:
http://vlm1.uta.edu/~alex/

Office Hours:
MoWe 2:30pm-3:15pm, TuTh 12:30-1:30

Course Information

Section Information:
CSE 1310-001

Time and Place of Class Meetings:
NH 203, MoWe 1:00pm - 2:20pm

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 Java.

Student Learning Outcomes:
- 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.
- When reading Java 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 using Java
- Write programs where the functionality is split over three or more functions.
- Improve your problem-solving skills:
  - break a problem into smaller components,
  - identify which of those you know how to do and which you do not,
  - develop solutions for each component that can then be combined to work together as a complete program
  - identify special cases for which your program may not work as expected (e.g. invalid data is given to it)
Required Textbooks and Other Course Materials:

The book can be rented from Amazon.

Other Requirements:
All the exams and in-class quizzes will be hand-written on paper (without having access to a computer to try out the code or the program you are writing). Practice writing your [homework] programs on paper first and then on the computer. Unless a medical note is provided, restroom breaks during an exam will have a 2 point per minute penalty.

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>Departmental Final exam on Monday, Dec 9, 5:30-8pm</th>
<th>30%</th>
<th>Cumulative. Room will be decided.</th>
</tr>
</thead>
<tbody>
<tr>
<td>All students must take the exam on this date, regardless of when the class meets for lectures. Mark your calendar.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Midterm exam 1</td>
<td>15%</td>
<td>In class, cumulative</td>
</tr>
<tr>
<td>Midterm exam 2</td>
<td>15%</td>
<td>In class, cumulative</td>
</tr>
<tr>
<td>In class Quizzes</td>
<td>15%</td>
<td>In class, 3 quizzes, cumulative</td>
</tr>
<tr>
<td>Homework</td>
<td>20%</td>
<td>Programming assignments: ~10</td>
</tr>
<tr>
<td>Online Quizzes in Canvas</td>
<td>5%</td>
<td>One or two quizzes per week in the first half of the semester</td>
</tr>
</tbody>
</table>

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 coming to class, 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).

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

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 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.

During exams, please look only at your page or the board and do not wear a hat. If you tend to look around, or somehow look aside, take a seat such that you will not be looking towards any another student(s).

If needed, I will take the following actions during an exam:

- Take pictures of the classroom in order to document the seating arrangements. (Let me know if you do not want your picture taken.)
- Move to the front row any student that seems to look around. (This is a subjective decision.) If you were moved for one exam, you will have to stay in the front row for the following exams as well.
- Mark an exam sheet if the student did something that was not allowed (e.g. look in notes in a closed book exam).

I may report students for cheating in an exam, if I find suspiciously similar answers for students who sat next to each other.

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

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**Course Schedule**

See the course schedule at: [http://vlm1.uta.edu/~alex/courses/1310/Schedule_CSE1310_Fall19.pdf](http://vlm1.uta.edu/~alex/courses/1310/Schedule_CSE1310_Fall19.pdf)

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**Institution Information**

UTA students are encouraged to review the below institutional policies and informational sections and reach out to the specific office with any questions. To view this institutional information, please visit the [Institutional Information](http://www.uta.edu/provost/administrative-forms/course-syllabus/index.php) page which includes the following policies among others:

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

Additional Information

Attendance:
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. As the instructor of this section, “I may take attendance sporadically” but I will not factor it into the grade. 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:
Should we experience an emergency event that requires evacuation of the building, students should exit the room and move toward the nearest exit, which is located to the left (turn left, left, right). See the Evacuation Map. When exiting the building during an emergency, do not take an elevator but use the stairwells instead. Faculty members and instructional staff will assist students in selecting the safest route for evacuation and will make arrangements to assist individuals with disabilities.

You can subscribe to the MavAlert system at Emergency Communication System. It will send information in case of an emergency to your cell phone or email account.

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, etutoring, 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/) (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](http://library.uta.edu/academic-plaza)
- [Ask Us](http://ask.uta.edu/)
- [Research Coaches](http://libguides.uta.edu/researchcoach)

**Resources**

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

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