CSE 1310: Introduction to Computers & Programming
Fall 2019

Instructor Information

Instructor(s):
Christopher T Conly

Office Number:
ERB 642

Email Address:
chris.conly@uta.edu

Faculty Profile:
https://www.uta.edu/profiles/christopher-conly

Course Website:
http://vlm1.uta.edu/~cconly/teaching/cse1310_fall2019/

Office Hours:
Tues/Thurs 12:00 PM – 1:00 PM, or by appointment

Course Information

Section Information:
CSE 1310, Section 11

Time and Place of Class Meetings:
MW 2:30 PM – 3:50 PM, COBA 153

Description of Course Content:
An introduction to the computer, to the algorithmic process, and to programming using basic control and data structures, using a procedural language. Prerequisite: MATH 1302 or MATH 1421 (or concurrently) or MATH 1426 (or concurrently).

Student Learning Outcomes:
After successfully taking this course, a student should be able to write simple programs in Java, for processing numbers and text data. The student will know how to use conditionals, loops, strings, arrays, methods, and file input and output. The student will also have some understanding of principles of code design, and of good programming practices.

Required Textbooks and Other Course Materials:
Online version offered by Wiley representative: http://www.wiley.com/WileyCDA/Section/id-828123.html

Descriptions of major assignments and examinations:
Assignments:
There will be several programming assignments in this course, typically assigned on a weekly basis. All assignments will have equal weight. No assignment scores will be dropped. The following class policies regarding assignments will be followed:
• All assignments must be submitted via Canvas.
• **No extra credit will be provided.**
• If you make multiple submissions to Canvas for the same assignment, only the latest submission will be graded.
• **After you submit your solutions, you should download them and make sure that you submitted the correct files.** Every semester, several students ask for leniency, claiming that they did the assignment, but accidentally submitted the wrong files. These claims are often legitimate, but, unfortunately, no grade leniency will be accorded to such claims. It is each student’s responsibility to double check their submissions.
• **If, for whatever reason, you cannot submit on Canvas, e-mail your solution to the instructor and the TA(s), from your UTA account, BEFORE the submission deadline.** This will serve as proof that you did the work. You still have to offer a very convincing explanation as to why you were not able to submit on Canvas.

Students are allowed to work with fellow CSE 1310 students on the assignments. At the same time, learning to solve problems on your own is the most important practice for the midterm and final exams.

**Late submission policy**

• All assignments are graded out of 100 points. Assignments submitted late will be penalized, at a rate of 4 penalty points per hour. The submission time will be the time shown on Canvas. Any assignment submitted more than 25 hours late will receive no credit.
• Exceptions to late submission penalties will only be made for emergencies documented in writing, in strict adherence to UTA policy. For all such exception requests, the student must demonstrate that he or she made all efforts to notify the instructor as early as possible.
• Computer crashes, network crashes, software or hardware failure, Canvas failure, e-mail failure, will NOT be accepted as justification for late submissions. If you want to minimize chances of a late submission, aim to submit early. You can always revise your submission till the deadline.
• Sometimes students submit the wrong files on Canvas. Unfortunately, no credit or waiver of late penalties can be provided in such cases.
• If you find yourself in an emergency situation and cannot deliver a homework on time, immediately inform the instructor and teaching assistant. Even if you have a valid reason for delivering late an assignment, you must make a convincing case that you have notified the instructor and teaching assistant as early as possible.

If you want to minimize chances of a late submission, aim to submit early. You can always revise your submission till the deadline.

**Exams:**

There will be two midterms and one final exam in this course. The average of the two midterms will be worth 50% of your final grade, and the final will be worth 30%. In order to pass the class, No exam scores will be dropped, and no make-up exams will be offered.

All midterm exams are open-book, and students are free to bring any printed or handwritten material (textbooks, notes, etc.) to consult during the exam. Students will not be allowed to bring in any electronic aids, including pocket calculators, laptops, e-books, cell phones. **Students are not allowed to talk or otherwise communicate with other students during an exam. No sharing of books, notes, or other objects is allowed during an exam. Students should leave empty seats between them, if at all possible.**

The departmental final exam is closed-book. We will provide a Java cheat sheet, and you will be limited to the concepts on that sheet. Any other Java that you know is unacceptable on the final exam. Students will not be allowed to bring in any electronic aids, including pocket calculators, laptops, e-books, cell phones to the final exam.
Absence from exams may be excused, with appropriate documentation, for illness, critical family emergencies, military service obligations, observance of major religious holidays, and certain university service commitments. Car or transportation problems will NOT be considered a legitimate reason to miss an exam. **Requests for excused absence, and documentation for such absences, must be provided as soon as possible. Even if the reason for an absence is valid, a request for an excused absence will be rejected if provided unjustifiably late.**

### Grading Information

**Grading:**
Assignment scores and exam scores are converted to letter grades based on the following scale:

- A: 90%
- B: 80%
- C: 70%
- D: 60%
- F: below 60%.

The instructor reserves the right to lower these thresholds, based on the distribution of scores and the degree of difficulty of the assignments and exams.

The final exam will be worth 30% of the grade, the midterm average will be worth a total of 50% of the grade. The homework average will be worth 20% of the grade.

**Grade Grievances:**
Any request for re-grading (for an assignment or midterm exam) must be made within 5 days of receipt of that grade. Any request for re-grading the final exam must be made within 3 days of receipt of that grade. Re-grading can lead to a higher or lower grade, depending on grading errors that are discovered.

### 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 will follow the following attendance policy: Attendance is mandatory for exams (midterms and final), but NOT for lectures. Attendance in lectures will NOT be used in calculating the semester grade. However, students are responsible for the material covered in the lectures. The instructor and teaching assistants will NOT honor requests to fill students in on what they missed in class, unless the absence was justified by an emergency.
Attendance is required for exams. Absences for exams will only be excused for medical or other emergencies in strict adherence with UTA policy. All emergencies must be reported as early as possible and documented in writing. No make-up exams will be given.

Transportation problems (e.g. flat tires) will NOT be considered a valid excuse for missing exams. To ensure attendance, plan to arrive for class well in advance, and have backup transportation plans available.

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 [insert a description of the nearest exit/emergency exit]. 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.

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, #215) 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.

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/)
<table>
<thead>
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<th>Date</th>
<th>Day</th>
<th>Topic</th>
<th>Notes/Assignments</th>
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<tbody>
<tr>
<td>21-Aug</td>
<td>Wednesday</td>
<td>Introduction</td>
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<tr>
<td>26-Aug</td>
<td>Monday</td>
<td>First Programs: output, arithmetic, variables</td>
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<tr>
<td>28-Aug</td>
<td>Wednesday</td>
<td>Variable, types, operations, printf</td>
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<tr>
<td>30-Aug</td>
<td>Friday</td>
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<tr>
<td>2-Sep</td>
<td>Monday</td>
<td>Labor Day Holiday</td>
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<td>4-Sep</td>
<td>Wednesday</td>
<td>Strings</td>
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<tr>
<td>6-Sep</td>
<td>Friday</td>
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<tr>
<td>9-Sep</td>
<td>Monday</td>
<td>Conditionals/If statements</td>
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<tr>
<td>11-Sep</td>
<td>Wednesday</td>
<td>Conditionals/If statements</td>
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<tr>
<td>13-Sep</td>
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<tr>
<td>16-Sep</td>
<td>Monday</td>
<td>Loops</td>
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<td>18-Sep</td>
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<td>Loops (cont.)</td>
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<td>20-Sep</td>
<td>Friday</td>
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<tr>
<td>23-Sep</td>
<td>Monday</td>
<td>Loops, Exceptions/Input Validation</td>
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<tr>
<td>25-Sep</td>
<td>Wednesday</td>
<td>Methods</td>
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<tr>
<td>27-Sep</td>
<td>Friday</td>
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<tr>
<td>30-Sep</td>
<td>Monday</td>
<td>Methods, review</td>
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<tr>
<td>2-Oct</td>
<td>Wednesday</td>
<td><strong>Midterm 1</strong></td>
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<tr>
<td>7-Oct</td>
<td>Monday</td>
<td>Methods; Max/min problems; numbers</td>
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<tr>
<td>9-Oct</td>
<td>Wednesday</td>
<td>Midterm solutions</td>
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<td>11-Oct</td>
<td>Friday</td>
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<tr>
<td>14-Oct</td>
<td>Monday</td>
<td>Max/min problems; Binary/hex numbers</td>
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<tr>
<td>16-Oct</td>
<td>Wednesday</td>
<td>Arrays and array lists</td>
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<tr>
<td>18-Oct</td>
<td>Friday</td>
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<tr>
<td>21-Oct</td>
<td>Monday</td>
<td>Arrays and array lists, review</td>
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<tr>
<td>23-Oct</td>
<td>Wednesday</td>
<td><strong>Midterm 2</strong></td>
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<tr>
<td>28-Oct</td>
<td>Monday</td>
<td>Arrays and array lists, File i/o</td>
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<td>30-Oct</td>
<td>Wednesday</td>
<td>Midterm solutions, File i/o</td>
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<td>1-Nov</td>
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<td>4-Nov</td>
<td>Monday</td>
<td>File i/o</td>
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<td>6-Nov</td>
<td>Wednesday</td>
<td>File i/o</td>
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<td>8-Nov</td>
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<tr>
<td>11-Nov</td>
<td>Monday</td>
<td>Examples, review, other topics</td>
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<tr>
<td>13-Nov</td>
<td>Wednesday</td>
<td>Examples, review, other topics</td>
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<tr>
<td>15-Nov</td>
<td>Friday</td>
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<tr>
<td>18-Nov</td>
<td>Monday</td>
<td>Review</td>
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<tr>
<td>20-Nov</td>
<td>Wednesday</td>
<td><strong>Midterm 3</strong></td>
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<td>25-Nov</td>
<td>Monday</td>
<td>Examples, review, other topics</td>
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<tr>
<td>27-Nov</td>
<td>Wednesday</td>
<td><strong>Thanksgiving break</strong></td>
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<tr>
<td>2-Dec</td>
<td>Monday</td>
<td>Midterm solutions</td>
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<tr>
<td>4-Dec</td>
<td>Wednesday</td>
<td>Examples, review, other topics</td>
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<tr>
<td>9-Dec</td>
<td>Monday</td>
<td><strong>FINAL EXAM in TBD</strong></td>
<td>5:30pm - 8:00pm</td>
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**Notes:**
- Assignment 0 due
- Assignment 1 due, Census date
- Assignment 2 due
- Assignment 3 due
- Assignment 4 due
- Assignment 5 due
- Assignment 6 due
- Assignment 7 due
- Assignment 8 due
- Assignment 9 due
- Assignment 10 due
- Last day to drop, Assignment 7 due