Texas State University – Computer Science Department
CS2308 - Foundations of Computer Science II

Semester: Fall 2019
Classroom: DERR 240
Time: Tuesday & Thursday: 5 pm - 6:20 pm
Website: http://cs.txstate.edu/~zz11/cs2308

Instructor: Dr. Ziliang Zong
Office: Comal 301 C
Phone: 512-245-8344
Email: zz11@txstate.edu
Office Hours: Thursday 10:00 am - 12:00 pm and 1:00 pm - 4:00 pm
TA Office Hours: Tuesday 10:00 am - 1:00 pm

Course Description:
Fundamentals of object-oriented programming. Introduction to abstract data types (ADTs) including lists, stacks, and queues. Searching and sorting. Pointers and dynamic memory allocation. If time permits, introduce parallel computing and multi-core parallel programming.

Prerequisites: CS1428 (C or better).

Textbook: Tony Gaddis, Starting out with C++: From Control Structures through Objects, 9th Edition

Course Evaluation:
Grades for this course will be based on:
1) Quizzes 10%
2) Programming Assignments 40%
3) Midterm Exam 20%
6) Final Exam 30%

and will be assigned as follows:

<table>
<thead>
<tr>
<th></th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>F</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>90 — 100</td>
<td>80 — 89</td>
<td>70 — 79</td>
<td>60 — 69</td>
<td>&lt; 60</td>
</tr>
</tbody>
</table>

Attendance Policy:
Attendance is required for all class sessions.

Late Policy
No late assignments will be accepted.

Make-up policy
There will be no makeup quizzes. You will lose 1 pt every time you miss a quiz (up to 10 pts). Makeup exams will only be given in exceptional situations (e.g., a documented medical emergency) and you
need to notify the instructor one week before the exam date. If you are unsure as to what constitutes an exceptional situation, you should consult with the instructor during the first two weeks of the semester. There will be NO make-up exams without a verified excuse.

**Withdrawal Policy**

Please follow the withdrawal and drop policy set up by the University and the College of Science. You are responsible for making sure that the drop process is complete.

**Academic Integrity**

Discussion of course material and problem sets are encouraged between students. However, you must complete assignments by yourself (or with members of your team, in the case of group projects). It is forbidden under any circumstances whatsoever to exchange source code with your classmates. **COPYING CODE OR CHEATING ON EXAMS ARE SERIOUS INFRINGEMENT UPON THE ACADEMIC INTEGRITY POLICY, AND WILL BE TREATED SERIOUSLY.** Please refer to the University's Academic Honor Code at [http://www.txstate.edu/effective/upps/upps-07-10-01.html](http://www.txstate.edu/effective/upps/upps-07-10-01.html) for more information.

**ADA Compliance**

Students with special needs or requiring special accommodations should contact the instructor during the first two weeks of classes. Students should also contact the office of disability services at the LBJ student center and bring the disability form to the instructor for signature. Students need to arrange time with the office of disability services and submit official requests online if special accommodations are needed for exams.

**Electronic Devices**

You are required to turn off your cell phone and other electronic devices (or switch to vibrate mode) that might make sounds to interrupt the class. Cookie policy applies in case of violation.

**Email Contact**

The instructor will contact you only using your official university email. You need to use your txstate email to contact your instructor as well. Your email may be automatically filtered or considered as a junk email when you contact your instructor using other email accounts.