

CSE 390Z: Mathematics for Computation – Autumn '22

Sections:

- Tuesday, 12:30 PM - 2:20 PM – DEM 126
- Tuesday, 2:30 - 4:20 PM – JHN 175

Staff:

Staff Mailing List: cse390z-staff@cs.washington.edu

- Instructor: Anjali Agarwal (anjalia@cs.washington.edu)
- TA: Kenzie Leach (leachm26@cs.washington.edu)
- TA: Cade Dillon (caded19@cs.washington.edu)
- TA: Drew King (kingdrew@cs.washington.edu)
- TA: Robert Stevens (rsteve2@cs.washington.edu)

Course Goals

CSE 390Z is a workshop designed to provide academic support to students enrolled concurrently with CSE 311 and reconnect 311 concepts back to other things students learn in computer science. CSE 311 concepts are at the core of computer science, but they are different from what many students have experienced in CS courses before. During each 2-hour workshop for CSE 390Z, students will reinforce concepts through collaborative problem solving, practice study skills and effective learning habits, and build a community for peer support. CSE 390Z **is not** a part of CSE 311 and is a fully separate course. All students enrolled in CSE 311 are welcome to register for this course.

Course Content & Grading

This is a 1 credit course, so you should expect about 2 hours of in-class time each week, and 1-2 hours of work outside of class.

There are 4 categories of work in this course. Work in each category will be graded **Satisfactory/Not Satisfactory (S/N)**. This course is **Credit/No-Credit** and is not graded on a curve. To earn credit for this course you must:

1. **Workshop Participation:** Get an **S** on 7 / 10
2. **Quick Checks:** Get an **S** on 7 / 9
3. **Skill Assessments:** Get an **S** on 4 / 4
4. **Exam Preparation:** Get an **S** on 2 / 2

Workshop Participation

There are 10 workshops in the quarter. To earn an **S** for Workshop Participation for a week, you must attend your workshop, fully engaging with other students in groups and in course activities.

Should you not be able to attend class due to an extenuating circumstance, reach out to the course staff via email. We acknowledge that we're still in a global pandemic, and will be more than willing to work with you on accommodations as needed.

Quick Checks

Quick Checks are short, weekly quizzes that allow you to test your 311 knowledge. These should take approximately 45 minutes to complete outside of class. They are graded S/N on effort, not correctness. There will be 9 Quick Checks throughout the quarter, consisting of two parts:

1. Quick Check Problem: Solve the given quiz problems to the best of your ability
2. Quick Check Video Solution: Watch a video solution and reflect on your work

Skill Assessments

Skill Assessments are assignments to build skills that will help you in 311. There will be 4 Skill Assessments throughout the quarter: Latex About Me, Imposter Syndrome Reflection, Pre-Midterm Homework Correction, Post-Midterm Homework Correction.

Exam Preparation

We will have exam preparation assignments for 311 exams intended to help guide your exam preparation. The practice exams will be taken during workshop time, followed by a reflection. The exam preparation assignments are graded S/N on effort, not correctness.

Resubmission and Late Work

The Skill Assessment and Exam Preparation categories require completion of all assignments to get credit for the class. If you do not receive an S on an assignment in one of these categories, you may have a second opportunity to complete and submit your work by resubmitting. You can resubmit up to **two assignments** over the quarter. To resubmit, an initial submission must have been made.

Late work, on the other hand, will generally not be accepted for this course unless an extension has been granted **prior** to the assignment's due date. If you have special circumstances that prevent you from submitting an assignment by its due date, please email the course staff.

Course Resources

- **Course Website:** The central source of info about what's going on in the class.
- **Gradescope:** Where assignments will be submitted.
- **Ed:** The discussion board for the course. Feel free to ask any questions you might have on 390z content or logistics, or reach out on staff mailing list cse390z-staff@cs.washington.edu
- **Canvas:** The course gradebook. Canvas will be updated with grades periodically throughout the quarter.
- **Office Hours:** All course staff have office hours, posted on the course website. Note that we *cannot answer 311 homework questions during office hours* out of fairness to all students in 311. We *can* work on workshop problems, answer section problems or lecture problems, and provide explanations of a variety of concepts.

Student Expectations & Best Practices

- **Assignment Feedback:** The course staff spends a great deal of time writing detailed and individualized feedback on all assignments for the course. The staff expects that you review all feedback given to you throughout the course. Your feedback can be found on Gradescope by clicking through the different rubric items.
- **CSE 311:** We strive to keep on pace with the material being covered in 311 through workshop problems and the course assignments. It is expected that you have attended/watched all 311 lectures on the day they occur and are attending your 311 section each week.
- **Technology:** Technology can be a useful tool in the classroom, however, it should be used for adding value to your learning, not as a distraction. Please use technology only for workshop-related activities, such as accessing reference sheets and slides.
- **Workshop Time:** CSE 390z class time is designed to be working on workshop activities and problems, *not* to work on CSE 311 (or other class) homework.

Academic Conduct

Outside of workshop problems, it is expected that you will complete your CSE 390Z assignments **individually** unless otherwise specified. We encourage you to discuss your ideas with other students, but your writing and work must be your own. Additionally, we recommend that you review the [Allen School Academic Misconduct Policy \(Links to an external site.\)](#) as you work with other students this quarter.

Accommodations

We want this course to be approachable, accessible, and flexible for all students. Please let the course instructor know if you require accommodations for disability, mental health, religious activity, or matters of conscience. If you have already established accommodations with Disability Resources for Students (DRS), please communicate your approved accommodations to the course instructor at your earliest convenience so we can discuss how best to accommodate your needs in this course. If any incident occurs that challenges our commitment to a supportive and inclusive environment, please let the instructor know so the issue can be addressed.

Additionally, a list of University of Washington mental health resources is accessible at all times from the course website.

Acknowledgements

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