Problem Solving

Viet Tung Hoang
Logistics

Lectures

• Attendance is **required**. Missing 3 lectures is acceptable.

Bonus points

Your Zoom username should be the same as your real name

Office hours

• Tuesday and Friday, 4 pm – 5 pm, virtual.

See Canvas for the Zoom link of office hours

Unofficial office hours: 30 minutes before class
Email Policy

No technical email

If you can’t go to office hours, ask for another appointment
CIS4930/5930: Problem Solving, Fall 2022

Announcements

7/12: Welcome to the class

Course information

- Lectures to date - grow with each class.
- Course information sheet. Please read it - you are responsible for everything on it.
- Instructor: Viet Tung Hoang (Tung). Office hours: TueFri (3:30 pm - 5 pm), virtual.

Syllabus
Homework
Slides/scribes
Resources
Grades and confidential material will be posted to Canvas
How Would You Be Evaluated?

5 Quizzes  150
Participation  220
3 Homeworks  630

There's no final exam

Total 1000
How Would You Be Evaluated?

- A
- A-
- B+
- B
- B-

- C+
- C
- C-
- D+
- D
- F

Scores:
- A: 1000
- A-: 900
- B+: 870
- B: 840
- B-: 800
- C+: 770
- C: 740
- C-: 700
- D+: 670
- D: 640
- F: 0
Homework

There’ll be 3 **group** assignments.

- No late submission
- Group size at most 2
- Partnership must be rotated

See course website for Latex resources, and a homework template

**Solutions must be typed via Latex.**

- Exposition: 10% of the points.

We shall have one writing workshop to teach you how to write better
Participation

**In-class Practice:** (140 points)
- Go to the whiteboard to solve algorithm problems.
- Vocally recap the ideas in prior lectures to class.

**Writing Workshop:** (20 points)
- Write a proof whose ideas are available in class.

**Homework reflection:** (60 points)
- For each homework, write a report for how you discovered the solution.