Teachers

Instructor: Vincent Roulet (vroulet@uw.edu (mailto:vroulet@uw.edu))
Teaching Assistants: Lang Liu (liu16@uw.edu (mailto:liu16@uw.edu)), Zhenman Yuan (yzhenman@uw.edu (mailto:yzhenman@uw.edu))

Course

Lectures:

Mondays, Wednesdays, Fridays: 1:30 pm to 2:20 pm.

The lectures are done remotely by Zoom (https://canvas.uw.edu/courses/1435365/external_tools/95443). Recordings of the course are released via Panopto (https://canvas.uw.edu/courses/1435365/external_tools/21130).

Office hours:

Wednesday 4:30 pm to 5:30 pm with L. Liu by Zoom (https://canvas.uw.edu/courses/1435365/external_tools/95443) (passcode: prob)
Tuesday 2:30 pm to 3:30 pm with Z. Yuan by Zoom (https://canvas.uw.edu/courses/1435365/external_tools/95443)
Thursdays: 4:30 pm to 5:30 pm with V. Roulet by Zoom (https://canvas.uw.edu/courses/1435365/external_tools/95443)

Students are expected to have already thought carefully about the problems before coming to office hours. Mostly we will respond to your questions for clarification of lecture material and/or HW problems (but solutions will not be given).

See the syllabus (https://canvas.uw.edu/courses/1435365/assignments/syllabus) for the detailed schedule of both lectures and office hours with links to the zoom meetings.

Courseworks

Content:

See the syllabus (https://canvas.uw.edu/courses/1435365/assignments/syllabus). Formaward (https://canvas.uw.edu/courses/1435365/assignments/syllabus/download?download_frd=1) for the specific assignment dates.

• 7 Homeworks (60% of total grade, lowest grade dropped)
Available on **Wednesday nights** and due the next **Wednesday at 23:59 pm**.

- **2 take-home exams** (30% of total grade)

Available on **Friday at 1:30 pm**, due **next Monday at 23:59 pm**.

- **Regular quizzes from one lecture to the next one** (10% of total grade, 25% of the lowest grades dropped)

Regular quizzes will be given from one lecture to another as exercises to see if you understood well the concepts. There might not be a quiz every time but as regularly as possible. These will be simple quizzes from the lecture. The main goal is to ensure that you followed well the concepts so try to participate regularly.

**Grading policies:**

- All answers to homework/exams require a **clear and complete** mathematical explanation unless specified differently. An answer without explanation/derivation/proof will not be given credits.
- **No late homework/exams will be accepted.** For an extension due to personal reasons, ask the TAs and the instructor **before the deadline** for an extension.
- The assignments will have to be uploaded via Gradescope (more details about it later). You can either type your solution or scan handwritten solutions. Make sure that we can read your solutions.

**Interactions**

- Questions about the course, the homework, or the exams are welcomed and encouraged! You can do it during the lectures (by raising your hand on Zoom) or at any moment via [Piazza](https://canvas.uw.edu/courses/1435365/external_tools/76038).
- To enroll in the course on Piazza, use your uw address and the access code `kolmogorov`. On Piazza, choose the relevant category (such as `hw1` or `logistics`) and post questions anonymously or not.
- You are encouraged to also answer questions of your comrades via Piazza!
- You can form study groups in order to help each other by for example clarifying some aspects of the course. Remember that the exercises are assigned to each of you individually.
- For grading questions, send a message to the team by mail.
- Finally, let me remind some of you that mutual respect is also essential for the course in both mails, messages, and comments. Respectful messages will smooth our interactions and lead to faster improvements in the course rather than making us lose time on relational issues.
**Academic Integrity**

In the remote context, it appears that more and more students are inclined to cheat by either copying solutions from other students or downloading solutions from the web. This remote context is clearly hard for everyone and the lack of interactions between students and with the teaching team makes the course harder. Yet, cheating is not a solution. One day you'll face a job interview: either you are able to solve the problem or you don't get the job. If you cheat, you'll never be able to get the abilities that are asked for in interviews. Consider the homework/exam as training exercises for your future applications. Do your best, make mistakes and learn from them such that one day you'll have understood your weaknesses and overpass them.

Concretely, collaboration and discussions are allowed and encouraged in this class, but copying or letting others copy your work amounts to plagiarism. This includes copying model solutions, e.g. from prior years. If cheating occurs, I will take the following action: **assign a grade of 0.0 for the exam/homework** where the cheating occurred, and **report the incident to the Graduate School Committee on Academic Conduct**, which will decide upon an appropriate University course of action. This may impact your future at the University.

Be careful, we are aware that cheating occurs, and we prepare/grade the homework in a way that ensures easy observation of cheating. Cheating is not worth the risk. We aim for you to learn from your mistakes, not to escape from some challenges and we want to ensure a fair grading for everyone.

**UW Policies**

**Students with disabilities:**

If you would like to request academic accommodations due to a disability, please contact Disabled Student Services, 448 Schmitz (206) 543-8924 (V/TTY). If you have a letter from Disabled Student Services indicating you have a disability that requires academic accommodations, please present this letter to me so we can discuss the accommodations you might need for the class.

**Religious Accommodations:**

Washington state law requires that UW develop a policy for the accommodation of student absences or significant hardship due to reasons of faith or conscience, or for organized religious activities. The UW’s policy, including more information about how to request an accommodation, is available at [Religious Accommodations Policy](https://registrar.washington.edu/staffandfaculty/religious-accommodations-policy/). Accommodations
must be requested within the first two weeks of this course using the Religious Accommodations Request form (https://registrar.washington.edu/students/religious-accommodations-request/). "

**Student conduct:**

Follow the UW Student Conduct Code in your interactions with your colleagues and me in this course by respecting the many social and cultural differences among us, which may include, but are not limited to: age, cultural background, disability, ethnicity, family status, gender identity and presentation, citizenship and immigration status, national origin, race, religious and political beliefs, sex, sexual orientation, socioeconomic status, and veteran status.