Schedule

Date	Events	Homeworks	Topics
Th. Oct. 1		Give HW1 (return **Frid. Oct 9** before 9am LA time)	Formulations
Tues. Oct. 6			
Th. Oct. 8			
Tues. Oct. 13	Quiz 1	Give HW2 (return **Frid. Oct 23** before 9am LA time)	
Th. Oct. 15	Give Project 1		Geometry
Tues. Oct. 20			
Th. Oct. 22			
Tues. Oct. 27	Quiz 2	Give HW3 (return **Frid. Nov 6** before 9am LA time)	
Th. Oct. 29			Duality
Tues. Nov. 3	Return Project 1		
Th. Nov. 5			
Tues. Nov. 10	Quiz 3	Give HW4 (return **Frid. Nov 20** before 9am LA time)	
Th. Nov. 12	Give Project 2		ILP
Tues. Nov. 17			
Th. Nov. 19			
Tues. Nov. 24	Quiz 4	Give HW5 (return **Frid. Dec 4** before 9am LA time)	
Th. Nov. 26	Thanksgiving holiday		
Tues. Nov. 30			Decoding
Th. Dec. 3	Return Project 2		
Tues. Dec. 8			
Th. Dec. 10	Quiz 5		

Discussion Schedule

Date	Event	Main Topic
Friday Oct. 2	Discussion 1	Python Primer
Friday Oct. 9	Discussion 2	Solving HW1
Friday Oct. 16	Discussion 3	Solving Quiz 1 and Discussion on Project1
Friday Oct. 23	Discussion 4	Solving HW2
Friday Oct. 30	Discussion 5	Solving Quiz 2 and other problems
Friday Nov. 6	Discussion 6	Solving HW3
Friday Nov. 13	Discussion 7	Solving Quiz3 and Discussion on Project2
Friday Nov. 20	Discussion 8	Solving HW4
Friday Nov. 27	Thanksgiving holiday	
Friday Dec. 4	Discussion 9	Solving HW5 and Quiz 4
Friday Dec. 11	Discussion 10	Solving Quiz 5

Class Logistics

Software:

- We will use ccle for uploading materials such as recorded lectures, quizzes.

- We will use gradescope for the homework.

- We will use campuswire for announcement/discussions.

- We will use python for the class projects.

Where to ask questions

- On campuswire: we will try to respond within a working day.

- During the TAs office hours: Monday 10-11am, Wednesday 5-6pm (Mine); Wednesday 9am-10am, Friday 5pm-6pm (Kaan).

- During Professor Fragouli's office hours: Tuesday and Thursday, 1:30-2:30pm.

- Through email (mostly for private discussions): christina.fragouli@ucla.edu, minedogan96@g.ucla.edu, kaan@g.ucla.edu

Materials (on ccle)

- We will upload recorded zoom lectures and class notes.

- We will upload some of the lecture slides from Prof. Vandenberghe as well as additional .pdf files from external sources.

- We will upload the homeworks and solutions.

- You can find the zoom links for classes, discussions, and office hours.

Projects

- Each project will be completed by a group of 5-6 randomly selected students.

- We have two projects, that involve Python programming. A short introduction to Python will be offered on Friday Oct. 2 during the discussion hours.

Homeworks

- We have **5** homeworks in total as noted in the schedule.

- The homework is due by **9:00 AM LA time** on the Fridays noted in the schedule.

- The homeworks are completed individually, however you are welcome to ask public questions or publicly discuss on campuswire. As long as the discussions are available to everyone, and not to small subgroups, it is considered "fair".

- Homeworks are submitted using gradescope.

- Please make sure that your hand-writing is legible if you do not type your solutions!

- Late homeworks do not earn points, but we are happy to correct them.

Quizzes

- We have **5** quizzes as noted in the schedule, one at the end of each module.

- Quizzes cover all material taught, not just the material of the module.

- The quizzes will be offered during the first hour of the class, at the dates noted in the schedule.

- Only 3 (the best of 5) of the quizzes will count for your grade. Thus you can miss two quizzes and still get a perfect grade.

- Quizzes are open book, open notes, but are completed individually. It is against the code of honor of this class to collaborate on quizzes.

- If you need to miss a quiz because of extenuating circumstances of which you have some evidence, please contact Professor Fragouli to discuss possibilities (this will be a per case discussion).

Grading

- Homeworks: total 10 points (2 points for each homework)

- Quizzes: total 60 points (20 points each but we will keep the 3 highest scores out of the 5 quizzes)

- Projects: total 30 points (15 points each)

- Extra points:

  - The best team wins 5 extra points for each project.
  - You can give (anonymously) 1 extra point to the team member who you think contributed most.
  - The three people most (productively) active on campuswire answering questions get 2 points each (need to not be anonymous).
  - 1 extra point for responding to class evaluation.