PHYS 210B: Nonequilibrium Statistical Mechanics
Fall 2020

UC San Diego

PHYSICAL SCIENCES
Physics

Syllabus

Instructor:	Prof. Patrick H. Diamond
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	Office Hours: open, arrange by email

Course Designer: Kate Jirik
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   *If you have a time-sensitive question or problem, contact your instructor.

Lectures: M W 8:30-9:50pm Pacific Time on Zoom   Remote/online

Problem Sessions: TBD   Remote/online

Texts and Notes:

- No required text
- References listed on reference list

Topics

See Topics list. PHYS 210B is a basic treatment of nonequilibrium statistical mechanics at a graduate level. Emphasis is on transport, random processes, kinetic theory, and aspects of the dynamics of pattern formation.
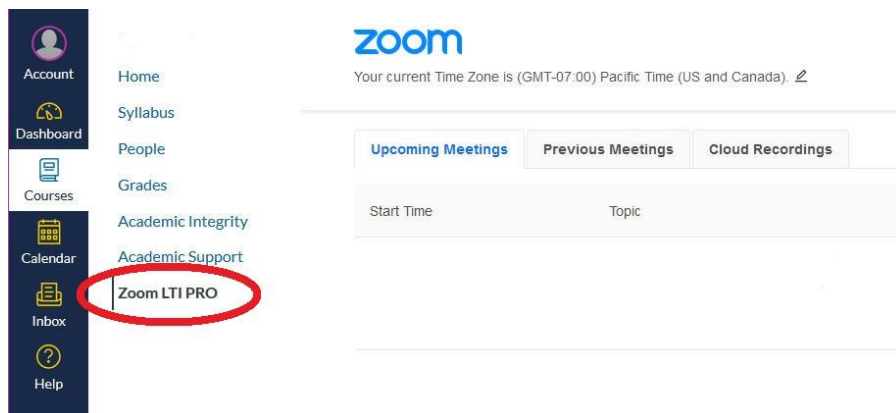
Grades

Final Grades:

- 40% Problem Sets
- 40% Project (due 10th week) and Project Presentation
- 20% Participation

Grades will be posted in Canvas. To view your grades, navigate to **Grades** in the left-side menu. It is your responsibility to double check that all grades are accurate, particularly at the end of quarter.

Zoom Meeting Information

You can view a list of upcoming Zoom meetings by navigating to the left-side menu and clicking on **Zoom LTI PRO**. View the list of "upcoming meetings," and click the "Join" button for the appropriate meeting.

Zoom meetings can also be viewed in the **Canvas Calendar** (navigate to Calendar in the left-side menu). If the Calendar is blank, click the checkbox next this course's name.

Lectures will be recorded. Recordings will listed on the course Home page or viewed in the Media Gallery. Please allow up to 3 days for video processing and posting.

Technical Assistance

Should you need any technical assistance with Canvas, please alert your instructor and send an email to servicedesk@ucsd.edu.