

- Instructor: P.H. Diamond
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Office Hours: open, *but* best to call or email first
- Course Assistant: Peggy McCoy
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- Lectures: Tues, Thurs 2:00 – 3:20pm
Mayer Hall Addition 2623

Lecture notes and supplementary materials available online at:
<http://courses.physics.ucsd.edu/2020/Winter/physics218b/>
- Problem Sessions: W 6:30-8:00pm
SERF 329
Problem sessions begin in Week 2 of classes.
Attendance and participation is *mandatory*.
- Grades: 40% Homework
40% Project
20% Participation
- Content: This course focuses on the magnetized plasma, and particularly on MHD and fluid models of plasmas. Emphasis is placed on dynamics and nonlinear phenomena. Applications include problems in magnetic confinement, astrophysics, and geophysics.

This course may be taken independently of PHYS 218A. Prerequisites are upper division physics and mathematics, or the equivalent.