

Plasma Physics

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Office Hours: Open

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Class Schedule: Lectures: MW 12:30 - 1:50 pm
Mayer Hall Addition Room 5623

Problem Sessions will be held on Tuesday nights
in Mayer Hall Addition, Room 5623 from 6:30-8:30 pm.
Attendance and participation in problem sessions is
essential and therefore, MANDATORY.
First Problem Session: Tuesday, January 5, 2010

Class Materials: i.) Lecture notes, problem sets, handouts, etc. will be available
at <http://physics.ucsd.edu> --
*Once at the web site, select course web pages,
Winter 2010, and Physics 218B*

ii.) Selected reprints will be available at the web page

iii.) Required text:

Plasma Physics for Astrophysics
Russell M. Kulsrud (Princeton University Press, 2004)

Recommended text:

Plasma Physics
P. Sturrock

Additional recommended texts are listed on the reference
sheet.

Grades: 50% on problem sets (4-5) - due dates will be firm
25% on weekly quizzes - begin 2nd week
25% on participation in class and problem session
There are no exams. No Final Exam will be given.

N.B. (1) Quizzes will be short (~10 minutes) each Wednesday. Quizzes will test SIMPLE,
BASIC aspects of material covered in class the previous week. There will be 9
quizzes and the lowest 2 scores will be dropped. The aim of the quizzes is to
'encourage' you to keep up with material covered in class.

(2) Students are expected to regularly present and discuss problems in the weekly
problem session. Problems will be rated according to difficulty.