

Plasma Physics

Instructor:

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Office Hours: Open

Course Assistant:

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Class Schedule:

Lectures: MW 10:00 - 11:20 a.m., Mayer Hall Room 5301
Problem Sessions will be held on Tuesday nights in Mayer Hall,
Room 4322 from 6:30-8:30 PM. Attendance and participation in
problem sessions is essential and therefore MANDATORY.
First Problem Session: Tuesday, January 17, 2006

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 2006, and Physics 218B
- ii.) Selected reprints will be available at the web page
- iii.) Required texts are:
 - a.) *Plasma Physics for Astrophysics*, by Russell M. Kulsrud (Princeton, 2005)
 - b.) *The Physics of Plasmas* by T.J.M. Boyd and J.J. Sanderson (Cambridge University Press, 2003)
- iv.) Recommended text is:
Principles of Magnetohydrodynamics by J. Goedbloed and S. Poedts (Cambridge University Press 2004)

Grades:

80% on 5 assigned problem sets
20% on participation in class and problem session
There are no exams.