Instructor: P.H. Diamond

SERF Room 436, x4-4025 phd@physics.ucsd.edu

Office Hours: Open, but best check by phone or email before coming

Course Assistant: Stephanie Conover

SERF Room 324, x4-7165 sconover@ucsd.edu

Lectures: Mon Wed 11:00 am – 12:20 pm

Mayer Hall Room 5301

Problem Sessions: Problem Sessions will be held on Tuesday nights in the Science &

Engineering Research Facility (SERF) Building, Room 329 from 6:30-8:20 pm. **First Problem Session will be held Tuesday, January 15, 2013.** Attendance and participation is **Mandatory**.

Grades: 30%: weekly quiz (given in Problem Session)

30%: Homework and Problem Session Participation

40%: Final Exam – Monday, March 18, 2013, 11:30 am – 2:29 pm

Location: TBA

Content: This course focuses on the magnetized plasma, and primarily on

MHD. Emphasis is placed on dynamics and nonlinear phenomena. The course builds upon 218A and exploits ideas from it, throughout.