Instructor Contact Information

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Office: Neckers 473

Office Hours
Mon. 10-11 and 1-2
Tues. NONE
Wed. 10-11 and 1-2
Tues. NONE
Fri. 10-11

Course Information

- Time: 9:00 - 9:50 p.m. Monday, Wednesday, and Friday.
- Place: Neckers 410.
- Course Description: Introduction to theoretical methods of general usefulness in intermediate and advanced undergraduate physics, with particular emphasis on applications of vector algebra and calculus, complex numbers, matrices, ordinary differential equations and Fourier series to selected topics in physics.

Grading: The grading scheme is provided below. Homework will be due by the end of the lecture on the date in which it is due—late homework will not be accepted. A four page report, typeset in \LaTeX, will be due on April 29. The report will summarize the results of an independent computer project.

- Homework: 50%
- Final Exam: 30% (20% written, 10% oral)
- Project/Report 20%

Notice: Make-up exams will only be given, before the exam, for properly documented valid reasons: religious observance; military service; bereavement; official university business; properly documented medical reason that prevents you from taking the exam (a letter from the doctor treating you is proper documentation; a note from student health services is not); jury duty or appearance in court.

In any case in which an absence will occur, you need to use the proper university form (Undergraduate Student Absence Form For University-Approved Activities) to request an accommodation from the instructor. This form must be presented to the instructor before the absence occurs (except in the medical emergency situation).