

Chemistry 483

Quantum Chemistry

Fall 2009

Description: Postulates of quantum mechanics and the application to model systems, atoms and molecules. Introduction to molecular spectroscopy.

Instructor James F. Harrison
Office: 37 Chemistry
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Course Secretary Mrs. Janet Haun
Room 8 Chemistry
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Phone 355-9715 x 356

Lectures Monday, Wednesday and Friday, 10:20 – 11:10 pm, 136 Chemistry

Recitations Fifty minutes per week. Schedule follows.

Section	Day	Time	Room	TA
1	Tu	12:40-1:30	Wells Hall C103	Janelle Bradley
2	Tu	8:00-8:50	Chemistry 283	Jesse Lutz
3	Th	11:30-12:20	Chemistry 183	Janelle Bradley
4	Th	9:10-10:00	Chemistry 109	Jesse Lutz

Teaching Assistants Janelle Bradley
bradl144@chemistry.msu.edu

Jesse Lutz
lutzjess@chemistry.msu.edu

Office Hours

J. F. Harrison Help Room 83, Chemistry, Tuesdays and Thursdays 2-4 pm, or by appointment

The Teaching Assistants will also hold office hours in the Help Room, room 83 in the basement of the Chemistry building (new annex)

Janelle Bradley Mondays 1:00 PM to 3:00 PM
Jesse Lutz Wednesdays 1:00 PM to 3:00 PM

Text *Physical Chemistry- A Molecular Approach*
McQuarrie & Simon

Examinations There will be 4 hourly examinations scheduled during class on the following Fridays: **September 25, October 16, November 6, and December 4.**

Homework Assignments Homework problems will be assigned but not collected. Solving the assigned end of the chapter problems is essential for understanding the course material. Approximately half of the hourly exam questions will be taken from the assigned problems.

Final Examination The final exam will be held on Friday, December 18 from 10:00AM to 12:00AM. It will be inclusive and will count for 40% of your grade. Students are reminded of the Final Examination Policy

Policy

During the final week of each academic semester all courses shall meet for one 2-hour period at the date and time listed in the Schedule of Courses. This period should be used for examination, discussion, summarizing the course, obtaining student evaluation of the course instruction, or any other appropriate activity designed to advance the student's education. If an instructor requires a written report or take-home examination in place of a final examination, it shall not be due before the final examination period scheduled for that course. Exceptions to this paragraph may be approved by the department or school chairperson, or in a college without departments, by the dean. In the event that a final examination is deemed appropriate by the instructor, it may not be scheduled at any time other than the date and hour listed in this Schedule of Courses. Any deviations from the final examination schedule must be approved by the Office of the Registrar based on the recommendation of the assistant/associate dean of the college responsible for the course offering.

No student should be required to take more than two examinations during any one day of the final examination period. Students who have more than two examinations scheduled during a particular day during the final examination period may take their class schedules to the Academic Students Affairs Office in their colleges for assistance in arranging for an alternate time for one of the three examinations. The final examination schedule shall be systematically rotated so that the 2-hour period for each course (time slot) will be scheduled at a different time each semester. This will also apply to common final examinations. Faculty members shall schedule office hours during the final examination period (or in some other way attempt to make themselves accessible to their students) as they do in the other weeks of the semester.

Common end of semester examinations are scheduled in certain courses with several class sections. In case of a conflict in time between a common examination and a regularly scheduled course examination, the latter has priority. The department or school giving the common end of semester examination must arrange for a make-up examination. **A student absent from a final examination without a satisfactory explanation will receive a grade of 0.0 on the numerical system, NC on the CR-NC system, or a N in the case of a course authorized for grading on the P-N system.** Students

unable to take a final examination because of illness or other reason over which they have no control should notify the assistant deans of their colleges immediately.

Grading Your grade will be computed based on the following point distribution:

Hourly Exam I	15%
Hourly Exam II	15%
Hourly Exam III	15%
Hourly Exam IV	15%
<u>Final Exam</u>	<u>40%</u>