

# Physical Chemistry II

## Abridged Syllabus & Contact Sheet

Instructor: Prof. Rigoberto Hernandez

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Week	Dates			Material to be covered			Comment
		M	W	F	Note(s)	Topic	Atkins
1	Aug.	20,	22	24	I-II	Introduction & Fundamentals	
2	Aug.	27,	29,	31	III-V	QM: Principles	7
3	Sep.	3,	5,	7	VI-VII	QM: Solvable Models	8
4	Sep.	10,	12,	14		Review	Exam#1
5	Sep.	17,	19,	21	VIII-X	Atoms I	9
6	Sep.	24,	26,	28	XI-XIII	Atoms II & Molecules I	10
7	Oct.	1,	3,	5	XIII-XIV	Molecules II	10
8	Oct.	8,	10,	12		Review	Exam#2
9	Oct.	15,	17,	19	XV-XVI	Spectroscopy I	12
10	Oct.	22,	24,	26	XVII-XIX	Spectroscopy I & II	13
11	Oct.	29,	31, Nov.	2	41-42	Spectro & Thermo Review	2-6
12	Nov.	5,	7,	9		Review	Exam#3
13	Nov.	12,	14,	16	43-45	SM Concepts	15
14	Nov.	19,	21,	23	46-47	SM Tools	16
15	Nov.	26,	28,	30	48-50	Molecular Interactions	16-17
16	Dec.	3,	5,	7	51-52	Review	17
	Dec.			14	<b>Final Exam</b> , Period 13: Fri 8:00am→10:50am		

1. The course web page is <http://web.chemistry.gatech.edu/rig/courses/12c/>, and it can also be accessed from T-Square. Your grades will be posted on T-Square throughout the semester.
2. Lecture notes are accessible from the course web page.
3. **Please use "CHEM3412" as part of the subject of any e-mail sent to Prof. Hernandez.** Whenever possible, please also use the e-mail addresses provided above to send the instructors messages.
4. Professors' Office Hours: Wednesdays from 1:00 to 3:00PM in MoSE 2100F when he is in town. Otherwise, they will be covered by the TA.
5. TA Office hours: Mr. Dale Merz Jr. (dmerz3@gatech.edu) at times and place to be determined.