

Chemistry 672
Spring 2011
Syllabus

Instructor: Douglas P. Ridge
106 LDL
Office Hours R 10-11, or by appointment

Text: Ira N. Levine, Quantum Chemistry, 6th Edition, Prentice Hall, 2009

Reading and Homework Assignments:

Dates	Reading	Homework
2/07-2/11 (3 classes)	12	Molecular Symmetry
2/14-2/25 (6 classes)	13.8-13.22	HF Treatment of Diatomics
2/28-3/18 (9 classes)	16	Huckel & MM methods
3/21	Exam	
3/23-4/4 (3classes)	14	QM Theorems
4/6-4/25 (9 classes)	15.1-15.14	Ab Initio Methods
4/27	Exam	
4/29-5-16(8 classes).	15.15-15.26	Density Functional Methods
4/21-4/30 (5 classes)	10	10.3,10.5,10.7,10.8,10.12
5/3-5/10 (4 classes)	11	11.1,11.2,11.7,11.9,11.12
5/12-5/17 (3 classes)	12	12.1,12.4,12.7

Homework, 35%

Exam I, 20%

Exam II, 20%

Final, 25%