

## Physics 441 Winter Quarter 2010

**Professor:** Larry Sorensen

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**Office hours:** Right after class, or by appointment

**Class Website:** <http://faculty.washington.edu/seattle>

**Virtual Text:** Bra, Ket, Dirac, and all that---is on the class website

**Grading:** Three take-home exams

Week of	Topic	Chapter in Virtual Book	Associated Exam	Exams "Due"
January 4	The Mathematics of QM 1	1	Exam 1	
January 11	The Mathematics of QM 2	1	"	
January 18	The Postulates of QM	2	"	
January 25	One-Dimensional Problems 1	3 - 5	Exam 2	
February 1	One-Dimensional Problems 2	3 - 5	"	
February 8	The Simple Harmonic Oscillator	8	"	Exam 1 "due"
February 15	Angular Momentum 1	9	Exam 3	
February 22	The Hydrogen Atom	10	"	
March 1	Spin	11	"	Exam 2 "due"
March 8	Make up lectures for the two Holidays			
March 15	Path Integrals			
March 22	Grades Due			Exam 3 "due"
January 18	University Holiday			
February 15	University Holiday			