

## Physics 441 Winter Quarter 2010

**Professor:** Larry Sorensen

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

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

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

**Grading:** Three take-home exams

Week of	Topic	Chapter in Virtual Book	Associated Exam	Exams "Due"
<b>January 3</b>	<b>The Mathematics of QM 1</b>	<b>1</b>	<b>Exam 1</b>	
<b>January 10</b>	<b>The Mathematics of QM 2</b>	<b>1</b>	"	
<b>January 17</b>	<b>The Postulates of QM</b>	<b>2</b>	"	
<b>January 24</b>	<b>One-Dimensional Problems 1</b>	<b>3-5</b>	<b>Exam 2</b>	
<b>January 31</b>	<b>One-Dimensional Problems 2</b>	<b>3-5</b>	"	
<b>February 7</b>	<b>The Simple Harmonic Oscillator</b>	<b>8</b>	"	<b>Exam 1 due</b>
<b>February 14</b>	<b>Angular Momentum 1</b>	<b>9</b>	<b>Exam 3</b>	
<b>February 21</b>	<b>The Hydrogen Atom</b>	<b>10</b>	"	
<b>February 28</b>	<b>Make up lectures for Holidays</b>	<b>11</b>	"	<b>Exam 2 due</b>
<b>March 7</b>	<b>NR Path Integrals</b>			
<b>March 14</b>	<b>Feynman QED videos</b>	(exam week)		
<b>March 21</b>	<b>Grades Due</b>			<b>Exam 3 due</b>
<b>January 17</b>	<b>University Holiday</b>			
<b>February 21</b>	<b>University Holiday</b>			