

# Optics and Modern Physics Laboratory Schedule

*Fall 2011*

<b>Lab 0:</b>	<b>Introduction</b>	<b>Aug 30 – Sep 1</b>
<b>Lab 1:</b>	<b>Index of Refraction of Glass/Lenses</b>	<b>Sep 6 – Sep 8</b>
<b>Lab 2:</b>	<b>Permittivity of Free Space</b>	<b>Sep 13 – Sep 15</b>
<b>Lab 3:</b>	<b>Polarization of Light</b>	<b>Sep 20 – Sep 22</b>
<b>Lab 4:</b>	<b>Ultrasonic Interference and Diffraction</b>	<b>Sep 27 – Sep 29</b>
		<b>Oct 4 – Oct 6</b>
<b>Lab 5:</b>	<b>The Speed of Light</b>	<b>Oct 18 – Oct 20</b>
		<b>Oct 25 – Oct 27</b>
<b>Lab 6:</b>	<b>The Bohr Atom</b>	<b>Nov 1 – Nov 3</b>
<b>Lab 7:</b>	<b>The Michelson Interferometer</b>	<b>Nov 8 – Nov 10</b>
<b>Lab 8:</b>	<b>Blackbody Radiation</b>	<b>Nov 15 – Nov 17</b>
	<i>Thanksgiving Break</i>	<i>Nov 23 – Nov 25</i>
<b>Lab 9:</b>	<b>Photoelectric Effect</b>	<b>Nov 29 – Dec 1</b>
<b>Lab 10:</b>	<b>Chaos – Computer Simulation</b>	<b>Dec 6 – Dec 8</b>
	<b>Oral Presentations</b>	
	Section 1 (Tuesdays)	<b>Dec 20, 3:30 pm</b>
	Section 2 (Wednesday afternoons)	<b>Dec 16, 12:00 pm</b>
	Section 3 (Thursdays)	<b>Dec 15, 8:00 am</b>
	Section 4 (Wednesday evenings)	<b>Dec 14, 6:45 pm</b>