

Winter 2011 Syllabus - Methods of Math. Physics - Zita			
	Mathematics <i>Tuesday</i>	Physics <i>Thursday</i>	Seminar, Research <i>Friday</i>
Winter 1	Boas Ch.4 <i>finish partial DiffEq</i>	EM Ch.1 <i>Vector Analysis</i> Dr. Thomas Olson AIP, SPS	Intro + moodle <i>Research Teams</i>
Winter 2	AAS in Seattle research homework	AAS in Seattle research homework	Lise Meitner <i>Research Update Presentations</i>
Winter 3	Boas Ch.6 <i>Vector Analysis</i> (with EM Ch.1)	EM Ch.2 <i>Electrostatics</i> Modern 6 <i>R-Bohr H atom</i>	Women in Math. <i>Research working session</i>
Winter 4	Boas Ch.7 <i>Fourier Series</i> (with EM Ch.3) <i>Four. Transforms</i>	EM Ch.3 <i>Special Techniques</i> Modern 7 <i>H-atom in Wave mech</i>	Gamow (QM) <i>Research TBA</i>
Winter 5	<i>Research Presentations, Midterm, and Conferences</i>		
Winter 6	Boas Ch.7 <i>Fourier Transforms</i> DE Ch.6 <i>Laplace Transforms</i>	EM Ch.5 <i>Magnetostatics</i> Modern 8 <i>Many-e atoms</i>	Kuhn.I <i>Research TBA</i>
Winter 7	Boas Ch.8 <i>Ordinary DiffEq</i>	EM Ch.7 <i>Electrodynamics</i> Modern 9 <i>Molecules</i>	Kuhn.II <i>Research TBA</i>
Winter 8	Boas Ch.8 <i>ODE</i> Boas Ch.9	EM Ch.8 <i>Energy Conservation</i> Modern 10 <i>Stats: Fermions & Bosons</i>	Heisenberg.I <i>Research TBA</i>
Winter 9	Boas Ch.9 <i>Variational Calc.</i>	EM Ch.9 <i>EM Waves</i> EM Ch.12 <i>EM & Relativity</i>	Heisenberg.II <i>Research TBA</i>
Winter 10	<i>Research presentations and Final</i>		Copenhagen
Winter 11	<i>Conferences</i>		