## Methods of Theoretical Physics (LB/PHY 415), Spring 2011 Lecture and Assignment Schedule

Readings are from Mathematical Methods in the Physical Sciences by M.L. Boas, 3rd Edition All course meetings are in Biochemistry 111.

Day	Date	Reading Due	Lecture Topic	Discussion	Homework Due
Tues. Thurs.	1-11 1-13	Chapter 5	Pretest + Team Formation Series & Integration Series & Integration		Н1
Tues. Thurs.		Chapter 6	Vector Analysis Vector Analysis		Н2
Tues. Thurs.	_	Chapter 7	Fourier Series Fourier Series	D1	НЗ
Tues. Thurs.		Chapter 8	Ordinary Differential Eqns. Ordinary Differential Eqns. Project Proposal Due (by noon	D2 n via e-mail)	Н4
Tues. Thurs.		Chapter 3	Matrices Matrices	D3	Н5
Tues. Thurs.		Chapter 10	Curvilinear Coordinates TEST #1		
Tues.		Ch. 12 & 13	Curvlinear Coordinates PDE's and Series Solutions	D4	Н6
Tues. Thurs.	_		H7 <b>s</b>		
Tues. Thurs.			[spring break] [spring break]		

Mon. 5-2		TEST #3 3:00 - 5:00pm Post-test			
Mon. 4-25 Tues. 4-26 Thurs. 4-28		Oral/Poster Presentations at Workshop/Course Evaluation Final Exam Review	<b>LBC Resea</b> D9	rch Symposium H11	
Tues. 4-19 Thurs. 4-21		Complex Variables Complex Variables	D8	H10	
Tues. 4-12 Thurs. 4-14	Chapter 14	Complex Variables Complex Variables In-class Peer Review of Proje	D7	Н9	
Tues. 4-5 Tues. 4-7		PDE's and Series Solutions PDE's and Series Solutions Complex Variables			
Tues. 3-29 Thurs. 3-31		PDE's and Series Solutions TEST #2			
Tues. 3-22 Thurs. 3-24		PDE's and Series Solutions PDE's and Series Solutions	D6	Н8	
Tues. 3-15 Thurs. 3-17		PDE's and Series Solutions PDE's and Series Solutions			