Rough Schedule, Spring 2014, Computational Physics, Phys 4480/7680 Astro 7690

	Lecturer	*Topics*	*Exercises*
Wed Jan 22		Linear Systems	
Fri Jan 24		Linear Systems	
Mon Jan 27		Linear Systems	
Wed Jan 29		Interpolation	
Fri Jan 31		B3 Computer Lab	
Mon Feb 3		Interpolation	1. Linear equations
Wed Feb 5		Interpolation	
Fri Feb 7		Quadrature	
Mon Feb 10		Quadrature	
Wed Feb 12		Quadrature	
Fri Feb 14		B3 Computer Lab	
Mon Feb 17		February Break	
Wed Feb 19		Derivatives & Sums	2. Interpolation, quadrature
Fri Feb 21		Derivatives & Sums	
Mon Feb 24		Random Numbers	
Wed Feb 26		Random Numbers	
Fri Feb 28		B3 Computer Lab	
Mon Mar 3	Guest Lecture?		3. Function Evals and Random Numbers
Wed Mar 5	Guest Lecture?		
Fri Mar 7	Guest Lecture?		
Mon Mar 10		Root Finding & Minimization	
Wed Mar 12		Root Finding & Minimization	
Fri Mar 14		B3 Computer Lab	
Mon Mar 17			4. Sorting, Root Finding, Minimization
Wed Mar 19		Presentations	
Fri Mar 21		Presentations	
Mon Mar 24		Fast Fourier Transforms	
Wed Mar 26		Eigenvalues	
Fri Mar 28		B3 Computer Lab	
Mon Mar 31		Spring Break	
Wed Apr 2		Spring Break	
Fri Apr 4		Spring Break	
Mon Apr 7		Differential Equations	5. Eigenvalues and FFTs
Wed Apr 9		Differential Equations	
Fri Apr 11		B3 Computer Lab	
Mon Apr 14		Differential Equations	
Wed Apr 16		Differential Equations	
Fri Apr 18		Differential Equations	
Mon Apr 21	Guest Lecture		6. Differential equations
Wed Apr 23		Partial Differential Equations	
Fri Apr 25		Partial Differential Equations	
Mon April 28		Design Patterns	
Wed April 30		Lattice Models & Autonoma	
Fri May 2		B3 Computer Lab	
Mon May 5		Presentations	
Wed May 7		Presentations	