

Vision Science II Class schedule—Fall 2011

(11/28/11 version)

Week	Date	Day	Lab	Lecture	Topic	Reference/comment
1	16-Aug	Tuesday		1	Introduction	notes
	17-Aug	Wednesday	1		Clinical aberrometry	Dr. Salmon's office
	18-Aug	Thursday		2	Aberrometry1 - Zernikes & RMS	notes
	19-Aug	Friday		3	Aberrometry2	notes
2	23-Aug	Tuesday		4	Power vectors	notes
	24-Aug	Wednesday	2		Visual field testing	Optics lab
	25-Aug	Thursday		5	Approaches to studying vision, visual fields	1
	26-Aug	Friday		6	Absolute sensitivity of the eye	notes
3	30-Aug	Tuesday		7	Photometry, V lambda function	4
	31-Aug	Wednesday	3		Photometry, V lambda function, photostress	Optics lab
	1-Sep	Thursday		8	Lambertian surfaces, retinal illuminance	4
	2-Sep	Friday		9	Duplex retina, photochromic interval, Purkinje shift	3
4	6-Sep	Tuesday		10	Dark adaptation	3
	7-Sep	Wednesday	4		Visual acuity	Optics lab
	8-Sep	Thursday		11	Light adaptation, Weber's Law, spatial sum	3
	9-Sep	Friday		12	Temporal summation, Stiles-Crawford Effect	3
5	13-Sep	Tuesday		13	Review for Exam1	7
	14-Sep	Wednesday			Exam 1	Room 104
	15-Sep	Thursday		14	Discussion of Exam 1	notes
	16-Sep	Friday		15	Introduction to spatial vision	
6	20-Sep	Tuesday		16	Fourier transformation	7
	21-Sep	Wednesday	5		Fourier analysis of 1 & 2-D functions	Optics lab
	22-Sep	Thursday		17	Modulation transfer function	7
	23-Sep	Friday		18	Spatial filtering	7
7	27-Sep	Tuesday		19	Contrast sensitivity 1	7
	28-Sep	Wednesday	6		Contrast sensitivity	Optics lab
	29-Sep	Thursday		20	Contrast sensitivity 2	7
	30-Sep	Friday		21	Visual acuity	7
8	4-Oct	Tuesday		22	Temporal vision	8
	5-Oct	Wednesday	7		Ferry-Porter, Visual illusions	Optics lab
	6-Oct	Thursday		23	Temporal vision phenomenon	8
	7-Oct	Friday		24	Masking, motion perception	9
9	Oct 11-14	Tues - Thurs			No class - AAO meeting	
	14-Oct	Friday		25	OAOP lectures: Dry eye, optic nerve, POAG	
10	18-Oct	Tuesday		26	Review for Exam 2	
	19-Oct	Wednesday		Exam 2		
	Oct 20-21	Thurs - Friday			Fall break	
11	25-Oct	Tuesday		27	Normal color vision	5
	26-Oct	Wednesday	8		CIE color specification system	Optics lab
	27-Oct	Thursday		28	Introduction to color vision, trichromacy	5
	28-Oct	Friday		29	Color opponent theory	5
12	1-Nov	Tuesday		30	Anomalous color vision	6
	2-Nov	Wednesday			No lab	
	3-Nov	Thursday		31	Acquired color anomalies	6
	4-Nov	Friday			No class - Oklahoma Research Day	
13	8-Nov	Tuesday		32	Color vision testing	6
	9-Nov	Wednesday	9		Testing color vision	Optics lab
	10-Nov	Thursday		33	Anomaloscope	6
	11-Nov	Friday		34	Electrodiagnostics	16
14	15-Nov	Tuesday		35	Retinal neurons	12
	16-Nov	Wednesday	10		ERG and VER	Clinic Room 142
	17-Nov	Thursday		36	Parvo, magno	13
	18-Nov	Friday		37	Frequency doubling, psychophysics	13
15	Nov 22-25	Wed - Fri			Thanksgiving break	
16	29-Nov	Tuesday		38	Psychophysical methodology	11
	29-Nov	Tuesday, 3:00		39	Theory of signal detection	11
	1-Dec	Thursday		40	ROC analysis	11
	1-Dec	Thursday		Exam 3	3:00 PM	104
	2-Dec	Friday, 11:00		41	ROC analysis, neural adaptation	
	2-Dec	Friday, 1:00	11	42	Vision Science Symposium - Part 1	Room 115
17	6-Dec	Tuesday		43	Vision Science Symposium - Part 2	
	7-Dec	Wednesday		44	Review for Final exam, 1:00, entire class	
	9-Dec	Friday		Final	Comprehensive, 9:00	Room 104