

LECTURES				
Date		Topic	Readings (3rd ed) (4th ed)	Instructor
M 28-Jan-13	1	Intro/scope Sensation and Perception	ch23--ch22	RS/AF
W 30-Jan-13	2	Electrophysiological techniques and results	ch5,6--ch5,6	RS
M 4-Feb-13	3	Brain imaging techniques and results	ch13--ch12	RS
W 6-Feb-13	4	Vision 1: eye to brain	ch27--ch26	RS
M 11-Feb-13	5	Vision 2: primary and higher visual cortex	ch27--ch26	RS
W 13-Feb-13	6	Vision 3: Color vision	ch27--ch26	RS
M 18-Feb-13		Presidents Day (no class)		
W 20-Feb-13	7	Vision 4: Mid-level and Hi-level vision & object recognition	ch46--ch44	RS
M 25-Feb-13	8	Audition 1: sound, ear, cochlear nucleus	ch26--ch25	RS
W 27-Feb-13	9	Audition 2: subcortical/cortical processing	ch26--ch25	RS
M 4-Mar-13	10	Techniques, vision and auditory, review		RS
W 6-Mar-13		mid-term exam1		
M 11-Mar-13	11	Spatial Perception and Attention	ch45--ch46	RS
W 13-Mar-13	12	Somatic sensation	ch25--ch24	RS
M 18-Mar-13		spring break		
W 20-Mar-13		spring break		
M 25-Mar-13	13	Motor systems 1: fundamentals	ch 28--ch27	AF
W 27-Mar-13	14	Motor systems 2: cortex	ch 30--ch29	AF
M 1-Apr-13	15	Motor systems 3: basal ganglia and cerebellum	ch31,32--ch 30, 31	AF
W 3-Apr-13	16	Executive function	ch52--ch50	AF
M 8-Apr-13	17	Hi-level action	ch52--ch50	AF
W 10-Apr-13	18	Somatosensory, attention, motor review		AF/RS
M 15-Apr-13		mid-term exam2		
W 17-Apr-13	19	Motivation and reward	ch 43--ch 41	AF
M 22-Apr-13	20	Learning & memory 1: non-associative and assoc learning	ch49--ch47	AF
W 24-Apr-13	21	Learning & memory 2: systems	ch50--ch48	AF
M 29-Apr-13	22	Language	ch51--ch49	AF
W 1-May-13	23	Adaptation and large scale plasticity	ch47,48--ch 45,4	RS
M 6-May-13	24	Autism	ch45--ch43	AF
W 8-May-13	25	Schizophrenia	ch45--ch43	AF
M 13-May-13	26	Learning, memory, disorders, language review		AF
W 15-May-13		Final Exam		
		+ : Additional assigned readings will be posted on NYU Classes		
		Readings are from the chapters in <i>Fundamental Neuroscience</i> 3rd edition or 4th edition		