

	Date	Topic	Reading Assignment	Instructor	note
Wednesday	9/7/2011	Neuroanatomy	appendix	Lanier	
Friday	9/9/2011	Cells of the nervous system	Chapter 1	Lanier	
Monday	9/12/2011	Reflexes/Fundamental Properties of Neurons	Chapter 1	Mermelstein	
Wednesday	9/14/2011	Generation of the Electrical Potential	Chapters 2-4	Mermelstein	
Friday	9/16/2011	Ionic Currents/Action Potentials I	Chapters 2-4	Mermelstein	
Monday	9/19/2011	Ionic Currents/Action Potentials II	Chapters 2-4	Mermelstein	ADD/DROP deadline
Wednesday	9/21/2011	Ion Channels and Transporters	Chapters 2-4	Mermelstein	
Friday	9/23/2011	Electrical Signaling	Chapters 2-4	Mermelstein	
Monday	9/26/2011	Exam #1			
Wednesday	9/28/2011	Synaptic Neurotransmission I	Chapter 5	Lanier	
Friday	9/30/2011	Synaptic Neurotransmission II	Chapter 5	Lanier	
Monday	10/3/2011	Neurotransmitters and Receptors I	Chapter 6	Lanier	
Wednesday	10/5/2011	Neurotransmitters and Receptors II	Chapter 6	Lanier	
Friday	10/7/2011	Intracellular Signaling	Chapter 7	Lanier	
Monday	10/10/2011	Exam #2			
Wednesday	10/12/2011	The Somatic Sensory System: Touch	Chapter 9	Mermelstein	
Friday	10/14/2011	The Somatic Sensory System: Pain	Chapter 10	Mermelstein	
Monday	10/17/2011	The Chemical Senses	Chapter 15	Mermelstein	
Wednesday	10/19/2011	Auditory System	Chapter 13	Lanier	
Friday	10/21/2011	Vestibular System	Chapter 14	Lanier	
Monday	10/24/2011	Exam #3			
Wednesday	10/26/2011	Vision I	Chapter 11	Lanier	
Friday	10/28/2011	Vision II	Chapter 11	Lanier	
Monday	10/31/2011	Vision III	Chapter 12	Lanier	
Wednesday	11/2/2011	Lower Motor Circuits	Chapter 16	Lanier	
Friday	11/4/2011	Upper Motor Circuits	Chapter 17	Lanier	
Monday	11/7/2011	Exam #4			
Wednesday	11/9/2011	Basal Ganglia I: Structure and Function	Chapter 18	Mermelstein	
Friday	11/11/2011	Basal Ganglia II: Neurological disorders	Chapter 18	Mermelstein	Society for Neuroscience Meeting
Monday	11/14/2011	Cerebellum I: Structure and Function	Chapter 19	Lanier	
Wednesday	11/16/2011	Cerebellum II: Neurological Disorders	Chapter 19	Lanier	
Friday	11/18/2011	Exam #5			
Monday	11/21/2011	Early Brain Development	Chapter 22	Letourneau	
Wednesday	11/23/2011	Construction of Neural Circuits	Chapter 23	Letourneau	
Friday	11/25/2011	Thanksgiving			
Monday	11/30/2011	Experience Modification of Circuits	Chapter 24	Mermelstein	
Wednesday	12/2/2011	Short and Long-Term Plasticity	Chapter 8	Mermelstein	
Friday	12/5/2011	Exam #6			
Monday	12/7/2011	Stem cells and CNS regeneration I	Chapter 25	Lanier	
Wednesday	12/9/2011	Stem cells and CNS regeneration II	Chapter 25	Lanier	
Friday	12/12/2011	Sex and the Brain I	Chapter 30	Mermelstein	
Monday	12/14/2011	Sex and the Brain II	Chapter 30	Mermelstein	
Wednesday	12/16/2010	Exam #7			