

Lecture	Date	Topic	Reading
1	Tuesday April 4	Course Intro; Cellular Components of the Nervous System; Model organisms	PoN Ch 1-2
2	Thursday April 6	Regional & Circuit Organization of the Nervous System; the Connectome; Axon Potentials	PoN Ch 1-2
3	Tuesday April 11	Synaptic transmission; neurotransmitters & their receptors	PoN Ch 3
4	Thursday April 13	Learning & Memory; LTP & LTD	PoN Ch 10
5	Tuesday April 18	Learning & Memory; LTP & LTD	PoN Ch 10
6	Thursday April 20	Neurodegeneration: Alzheimer's Parkinson's, Huntington's Diseases	PoN Ch 11
7	Tuesday April 25	Neurodegeneration: Alzheimer's Parkinson's, Huntington's Diseases	PoN Ch 11
8	Thursday April 27	Mood disorders: anxiety, depression & bipolar	PoN Ch 11
9	Tuesday May 2	Stroke & Traumatic Brain Injury	tbd
10	Thursday May 4	MIDTERM EXAM	
11	Tuesday May 9	Vision & Blindness	PoN Ch 4
12	Thursday May 11	Vision & Blindness	PoN Ch 4
13	Tuesday May 16	Disorders of Neural Development: Lissencephaly, Heterotopia	tbd
14	Thursday May 18	Disorders of Neural Development: Zika virus	tbd
15	Tuesday May 23	Autism	tbd
16	Thursday May 25	Schizophrenia	tbd
17	Tuesday May 30	Drug addiction	tbd
18	Thursday June 1	Stem cells in Neurobiology	tbd
19	Tuesday June 6	Student's choice lecture topic(s)?	
20	Thursday June 8	Course review & Student Presentations	
	TUESDAY JUNE 13	FINAL EXAM: 11:30 am – 2:29 pm	Location: TBA