

week	day	mo	date	topic	Purves	slideset	comments
1	M	Jan	9	intro, basic neuroanatomy, resting potential, intro voltage clamp	1, 2, 3	1	
	W		11				
	F		13				
2	M	Jan	16	MLK Holiday			
	W		18	more Vclamp, passive conduction, patch clamp, ion channels, synapse intro	3, 4	2	
	F		20				
3	M	Jan	23	synapses, synaptic integration, post-synaptic channels, neurotransmitters	5, 6	3	
	W		25				
	F		27				
4	M	Jan	30	synaptic plasticity	8	4	
	W	Feb	1	review for exam			no lecture – bring questions
	F		3	exam 1 (31%)			slidesets 1-4, chapters 1-6, 8 (7 chapters)
5	M	Feb	6	go over exam, sensory systems intro, somatosense, pain, vision	9, 10, 11	5	
	W		8				
	F		10				
6	M	Feb	13	hearing, vestibular system, olfaction	13, 14, 15	6	
	W		15				
	F		17				
7	M	Feb	20	review for exam			no lecture – bring questions
	W		22	exam 2 (31%)			slidesets 5-6, chapters 9-15 (7 chapters)
	F		24	go over exam, motor neurons, CPGs	16	7	
8	M	Feb	27	Upper motor neurons, basal ganglia, cerebellum, JAR	17, 18, 19	8	
	W	Mar	29				
	F		2				
9	M	Mar	5	development of the nervous system, brain plasticity, experience modification, seasonal change	22, 23, 24	9	
	W		7				
	F		9				
10	M	Mar	12	memory	31	10	
	W		14	free day – Zelick at all-day meeting			
	F		16	review for exam			no lecture – bring questions
11		Mar		exam 3 (non-cumulative final exam, 38%)			slidesets 7-10, chapters 16-19, 22-24, 31 (8 chapters)

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Text: Purves et al, *Neuroscience*, 5th edition. Available at the “Campus Bookstore”, 1510 SW 6th Ave, 503-222-9561