

BMD 430 NEUROSCIENCE
SPRING, 2006
MWF 9:05 - 9:55

DAY	DATE	TOPIC	TEXT	DUE DATES
MON	1/09/06	Syllabus Studying the Nervous System: Neurons	Chapter 1	
WED	1/11/06	Studying the Nervous System: Neural Circuits and Systems	Chapter 1	
FRI	1/13/06	Electrical Signals	Chapter 2	
MON	1/16/06	Holiday		
WED	1/18/06	Ionic Currents/Conductances	Chapter 3	Draft 1
FRI	1/20/06	Action Potentials	Chapter 3	
MON	1/23/06	Channels and Transporters	Chapter 4	
WED	1/25/06	Synaptic Transmission	Chapter 5	
FRI	1/27/06	Neurotransmitters and Receptors	Chapter 6	
MON	1/30/06	Neurotransmitters and Receptors	Chapter 6	
WED	2/01/06	Molecular Signaling	Chapter 7	Paper 1
FRI	2/03/06	Neuroanatomy	Supplemental	
MON	2/06/06	Neuroanatomy	Supplemental	
WED	2/08/06	Neuroanatomy	Supplemental	
FRI	2/10/06	Neuroanatomy	Supplemental	
MON	2/13/06	Blood Supply	Supplemental	Journal
WED	2/15/06	Exam 1		
FRI	2/17/06	Somatic Sensory System	Chapter 8	
MON	2/20/06	Pain	Chapter 9	
WED	2/22/06	Vision: The Eye	Chapter 10	
FRI	2/24/06	Central Visual Pathways	Chapter 11	Draft 2
MON	2/27/06	Auditory System	Chapter 12	
WED	3/01/06	Vestibular System	Chapter 13	
FRI	3/03/06	Chemical Senses	Chapter 14	
MON	3/06/06	Lower Motor Neurons	Chapter 15	
WED	3/08/06	Exam 2		
FRI	3/10/06			Paper 2

MON - FRI	03/13/06 – 03/19/06	Spring Break		
MON	03/20/06	Sensory Feedback in Movement	Chapter 15	Summary Statement
WED	03/22/06	Upper Motor Neurons	Chapter 16	
FRI	03/24/06	Basal Ganglia	Chapter 17	
MON	03/27/06	Cerebellum	Chapter 18	Outline
WED	03/29/06	Eye Movements	Chapter 19	
FRI	03/31/06	Autonomic Nervous System	Chapter 20	
MON	4/03/06	Plasticity	Chapter 24	
WED	4/05/06	Plasticity	Chapter 24	
FRI	4/07/06	Association Cortices	Chapter 25	Term Draft
MON	4/10/06	Association Cortices	Chapter 25	
WED	4/12/06	Exam 3		
FRI	4/14/06	Language and Speech	Chapter 26	
MON	4/17/06	Sleep and Wakefulness	Chapter 27	
WED	4/19/06	Emotions	Chapter 28	
FRI	4/21/06	Emotions	Chapter 28	Term Final
MON	4/24/06	Sex, Sexuality of the Brain	Chapter 29	
WED	4/26/06	Memory	Chapter 30	
FRI	4/28/06	Mental Illness	Supplemental	

Final Exam: Wednesday, May 3, 8:00 – 10:00