

2006-2007 Course Schedule - Microanatomy

Week 1: Basic Cell Biology					
Hour	Monday 8-28	Tuesday 8-29	Wednesday 8-30	Thursday 8-31	Friday 9-1
2:45-4 PM	Cell Structure and Function: Cell cytoplasm	Cellular Structure and Function: Cell nucleus	Cellular Mechanisms of Disease: Cell death, Mitochondrial and DNA damage	2:45-3:45 Lab #1: Histological Methods and General Cell Structural components	Lecture review and Quiz # 1
4-5 PM				Small group: Case #1	
Week 2: Epithelial and Connective Tissue					
Hour	Monday 9-4	Tuesday 9-5	Wednesday 9-6	Thursday 9-7	Friday 9-8
2:45-4 PM	Labor Day	Cell Structure and Function: Epithelial and Connective Tissue	Cellular Mechanisms of Disease: Cellular response to epithelial and CT damage	2:45-3:45 Lab #2: Histology of Epithelial and Connective Tissue: normal versus disease	Molecular Medicine: Immunohistochemical Techniques for clinical diagnosis
Week 3: Bone					
Hour	Monday 9-11	Tuesday 9-12	Wednesday 9-13	Thursday 9-14	Friday 9-15
2:45-4 PM	Cell Structure and Function: Bone I	Cell Structure and Function: Bone II	Cellular Mechanisms of Disease: Cellular disorder in bone and cartilage	2:45-3:45 Lab #3: Histology of Bone and Cartilage: normal versus disease: Quiz 1	Lecture review and Quiz # 2
4-5 PM				Small group: Case #2	
Week 4: Blood					
Hour	Monday 9-18	Tuesday 9-19	Wednesday 9-20	Thursday 9-21	Friday 9-22

2:45-4 PM	Cell Structure and Function: Blood I	Cell Structure and Function: Blood II	Cellular Mechanisms of Disease: Cellular aspects underlying blood disorders	2:45-3:45 Lab #4: Histology of Blood cells: normal versus disease	Examination # 1
4-5 PM			30 minute Examination Review: Q&A		
Week 5: Muscle					
Hour	Monday 9-25	Tuesday 9-26	Wednesday 9-27	Thursday 9-28	Friday 9-29
2:45-4 PM	Cell Structure and Function: Muscle	Cellular Structure and Function: Muscle II	Cellular Mechanisms of Disease: Disorders associated with cellular disruptions in muscle tissue	2:45-3:45 Lab #5: Histology of Muscle: normal versus disease: Quiz 2	Lecture review and Quiz # 3
4-5 PM				Small group: Case #3	
Week 6: Muscle					
Hour	Monday 10-2	Tuesday 10-3	Wednesday 10-4	Thursday 10-5	Friday 10-6
2:45-4 PM	Cell Structure and Function: Nervous System 1 <i>Alston</i>	Cell Structure and Function: Nervous System II <i>Alston</i>	Cellular Mechanisms of Disease: Cellular aspects of Neuronal diseases	2:45-3:45 Lab #6: Histology of Neuronal Tissue: normal versus disease	Molecular Medicine: Blotting Techniques for clinical diagnosis
Week 7: Cardiovascular System					
Hour	Monday 10-9	Tuesday 10-10	Wednesday 10-11	Thursday 10-12	Friday 10-13
2:45-4 PM	Cell Structure and Function: Cardiovascular System I	Cell Structure and Function: Cardiovascular System II	Cellular Mechanisms of Disease: Hypertension/Ischemic Heart disease	2:45-3:45 Lab #7: Histology of Cardiovascular System: normal versus disease: Quiz 3	Lecture review and Quiz # 4

4-5 PM				Small group: Case #4	
Week 8: Lymphatic and Integumentary Systems					
Hour	Monday 10-16	Tuesday 10-17	Wednesday 10-18	Thursday 10-19	Friday 10-20
2:45-4 PM	Cell Structure and Function: Lymphatic System	Cell Structure and Function: Integumentary System	Cellular Mechanisms of Disease: Cellular aspects of skin and lymphatic-associated cancers	2:45-3:45 Lab #8: Histology of Lymph tissue and skin cells: normal versus disease	Examination # 2
4-5 PM			30 minute Examination Review: Q&A		
Week 9: Digestive System					
Hour	Monday 10-23	Tuesday 10-24	Wednesday 10-2	Thursday 10-26	Friday 10-27
2:45-4 PM	Cell Structure and Function: Digestive System I	Cell Structure and Function: Digestive System II	Cellular Mechanisms of Disease: Cellular aspects of GI-related disorders	2:45-3:45 Lab #9: Histology of Digestive System: normal versus disease: Quiz 4	Lecture review and Quiz # 5
4-5 PM				Small group: Case #5	
Week 10: Respiratory System					
Hour	Monday 10-30	Tuesday 10-31	Wednesday 11-1	Thursday 11-2	Friday 11-3
2:45-4 PM	Cell Structure and Function: Respiratory System I: Payer	Cell Structure and Function: Respiratory System II: Payer	Cellular Mechanisms of Disease: Lung diseases; COPD/Cancer/Genetic	2:45-3:45 Lab #10: Histology of Respiratory-associated tissues: normal versus disease	Molecular Medicine: Use of the polymerase chain reaction (PCR) for clinical diagnosis

Week 11: Urinary System					
Hour	Monday 11-6	Tuesday 11-7	Wednesday 11-8	Thursday 11-9	Friday 11-10<
2:45-4 PM	Cell Structure and Function: Urinary System I	Cell Structure and Function: Urinary System II	Cellular Mechanisms of Disease: Cellular aspects of Urinary disorders	> 2:45-3:45 Lab #11: Histology of Urinary System: normal versus disease: Quiz 5	Lecture review and Quiz # 6
4-5 PM	Presentations: Groups 1-4	Presentations: Groups 5-8	Presentations: Groups 9-12	Small group: Case #6	Presentations: Groups 13-16
Week 12: Endocrine System					
Hour	Monday 11-13	Tuesday 11-14	Wednesday 11-15	Thursday 11-16	Friday 11-17
2:45-4 PM	Cell Structure and Function: Endocrine System I	Cell Structure and Function: Endocrine System II	Cellular Mechanisms of Disease: Cellular aspects of Endocrine disorders	2:45-3:45 Lab #12: Histology of Endocrine System: normal versus disease	Examination # 3
4-5 PM	Presentations: Groups 17-20		30 minute Examination Review: Q&A		
Week 13: Reproductive System					
Hour	Monday 11-27	Tuesday 11-28	Wednesday 11-29	Thursday 11-30	>Friday 12-1
2:45-4 PM	Cell Structure and Function: Female Reproductive System I Payer	Cell Structure and Function: Female Reproductive System II Payer	Cellular Mechanisms of Disease: Cellular aspects of Reproductive disorders	Thanksgiving	

4-5 PM			2:45-3:45 Lab # 13: Histology of Reproductive System: normal versus disease: Quiz 6		
Week 14: Visual, Olfactory and Auditory Systems					
Hour	Monday 12-4	Tuesday 12-5	Wednesday 12-6	Thursday 12-7	Friday 12-8
2:45-4 PMM	Cell Structure and Function: Visual/Auditory/Olfactory System	Cellular Mechanisms of Disease: Cellular aspects of special sense diseases	2:45-3:45 Lab # 14: Histology of Eye, Nose and Ear: normal versus disease	Stem Cells/Course Review: Q&A	Molecular Medicine: High Throughput techniques: clinical diagnosis Gene Therapy: innovation and clinical use
4-5 PM		Lecture review and Quiz # 7	Laboratory Review: Q&A	Small group: Case #7	
Week 15: Final Examinations					
Hour	Monday	Tuesday	Wednesday	Thursday	Friday
2:45-4 PM				Examination # 4	NBME Shelf Examination