

Pharmacology 260 Online Course Schedule – Spring 2012

The topics listed below do not necessarily correspond to a 1 - hour lecture period. You should cover the topics for each week at some time during that week. Readings corresponding to material in each topic are provided for ***Foundations of Clinical Drug Therapy*** ("Pages Abrams") and ***Applied Pharmacology for the Dental Hygienist, 5th Edition*** ("Pages Haveles"). Page numbers for readings may not start at the beginning of a chapter; instead, they may start at the beginning of a section relevant to the topic.

Exam 1 Material

Week	Topic	Pages Abrams	Pages Haveles	Assignment
Exam 1 covers topics 1 – 11. Download the Exam 1 Study Guide here.				
The Science of Pharmacology				
1	1. Introduction to Pharmacology	1-7	1-11	Startup Survey
1	2. Mechanisms of Drug Action	8-15	12-27	About This Course Quiz
1	3. Drug Side Effects	23-28	28-32 341-343	
1	4. Drug Interactions	15-17	-	Week 1 Question Set
2	5. Age Differences and Drug Action	17-23	299-307	
Cardiovascular Pharmacology				
2	6. Physiology Overview: The Autonomic Nervous System	-	34-38	
2	7. Physiology Overview: The Cardiovascular System	-	-	Week 2 Question Set
2	8. Cholinergic Agonists and Antagonists	298-309	38-43	
3	9. Adrenergic Agonists and Antagonists	265-297	43-48	
3	10. Physiology Overview: The Kidneys	-	-	
3	11. Diuretics	800-814	197-200	Week 3 Question Set
3	Sample Questions for Exam 1			Sample Qs
3	Exam 1: Wednesday, February 1, 2012 Covers topics 1 – 11			Exam 1

Exam 2 Material

Week	Topic	Pages Abrams	Pages Haveles	Assignment
Exam 2 covers topics 12 – 22 Download the <u>Exam 2 Study Guide here.</u>				
4	12. Drugs for Hypertension	779-799	186-187 194-205	
4	13. Drugs for Heart Failure	713-728	187-189	Week 4 Question Set
5	14. Drugs for Angina	752-766	191-194	
5	15. Drugs for Cardiac Arrhythmia	729-751	189-191	
Drugs Affecting the Blood				
5	16. Physiology Overview: The Blood	-	-	
5	17. Cholesterol - Lowering Drugs	837-850	205-207	
5	18. Anticoagulant Drugs	815-836	207-212	Week 5 Question Set
6	19. Vitamins, Minerals, etc.	447-461 893-895	-	
Endocrine Pharmacology				
6	20. Physiology Overview: The Endocrine System	-	-	
6	21. Drugs for Diabetes	364-391	252-262	
6	22. Drugs for Thyroid Disorders	349-363	251-252	Week 6 Question Set
6	Sample Questions for Exam 2			Sample Qs
7	Exam 2: Wednesday, February 22, 2012 Covers topics 12 – 22			Exam 2

Exam 3 Material

Week	Topic	Pages Abrams	Pages Haveles	Assignment
Exam 3 covers topics 23 – 33. Download the Exam 3 Study Guide here.				
7	23. Physiology Overview: The Reproductive System	-	-	
7	24. Estrogens and Female Reproductive Drugs	411-431	262-266	
7	25. Androgens and Male Reproductive Drugs	432-445	266-268	
Nervous System Pharmacology				
7	26. Physiology Overview: CNS Neurotransmitters	-	-	Week 7 Question Set
8	27. Local Anesthetics	891-892	112-126	
8	28. General Anesthetics	887-889	127-135	
8	29. Neuromuscular Blocking Drugs, Muscle Relaxants	229-237 890	145-146	
8	30. Sedatives and Hypnotics	129-149	136-147	Week 8 Question Set
9	31. Pain Relievers: Opioid Analgesics	79-100	65-75	
9	32. Pain Relievers: Non - Steroidal Antiinflammatory Drugs	101-127	49-64	
9	33. Drugs for Epilepsy	194-214	213-222	Week 9 Question Set
9	Sample Questions for Exam 3			Sample Qs
10	Exam 3: Wednesday, March 14, 2012 Covers topics 23 – 33			Exam 3

Exam 4 Material

Week	Topic	Pages Abrams	Pages Haveles	Assignment
Exam 4 covers topics 34 – 43. Download the Exam 4 Study Guide here.				
10	34. Drugs for Parkinson's Disease	215-228	-	
10	35. Drugs for Alzheimer's Disease	-	-	
10	36. Drugs for Schizophrenia	150-170	223-228	Week 10 Question Set
11	37. Drugs for Depression	171-193	228-232	
11	38. Drugs for Bipolar Disorder	171-193	232-233	
11	39. Drugs for Anxiety Disorders	129-149	137-147	
11	40. Drugs for Attention Deficit - Hyperactivity Disorder	255-264	-	Week 11 Question Set
12	41. Drugs of Abuse	238-254	308-319	
Immune Pharmacology				
12	42. Physiology Overview: The Immune System	644-649 655-664	241-248	
12	43. Drugs for Allergy	696-711	234-240	Week 12 Question Set
12	Sample Questions for Exam 4			Sample Qs
13	Exam 4: Wednesday, April 11, 2012. Covers topics 34 - 43			Exam 4

Final Exam Material

Week	Topic	Pages Abrams	Pages Haveles	Assignment
The Final Exam covers topics 44 – 55 plus comprehensive information on the previous material. Download the Final Exam Study Guide here.				
13	44. Drugs for Asthma & COPD	675-695	276-283	
13	45. Drugs for Arthritis	649-655	-	
Chemotherapy				
13	46. Principles of Chemotherapy	473-489	-	Week 13 Question Set
14	47. Antibiotics	490-545	76-101	
14	48. Antifungal Drugs	577-595	102-106	
14	49. Antiviral Drugs	569-577	106-111	
14	50. Cancer Chemotherapy	917-922	269-275	Week 14 Question Set
Drugs for Other Organ Systems				
15	51. Drugs for Gastrointestinal Disorders	851-879	283-288	
15	52. Drugs for Eye Disorders	902-907	-	
15	53. Drugs for Skin Disorders	896-901	-	
15	54. Drugs for Bone Disorders	334-338	-	
15	55. Toxicology	-	-	
15	Sample Questions for Final			Sample Qs
16	Final Exam: Wednesday, May 2, 2012. 100 points on topics 44 - 55 + 100 points comprehensive			Final Exam