

Pharmacology 260 Online Course Schedule – Spring 2008

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. Weekly question sets should be turned in before 9 AM on Mondays, Eastern Time. Readings corresponding to material in each topic are provided for ***Pharmacology for Health Professionals*** (“Pages Roach”), ***Applied Pharmacology for the Dental Hygienist, 5th Edition*** (“Pages Haveles”), and ***Modern Pharmacology with Clinical Applications, 6th Edition*** (“Pages C & S”). 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 Roach	Pages Haveles	Pages C & S	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	7-11 48-56	3-8	Startup Survey
1	2. Mechanisms of Drug Action	7-9 19-28	12-40	10-50	About This Course Quiz
1	3. Drug Side Effects	10-12	41-58 265-269	-	
1	4. Drug Interactions	12-13	431-441	-	Week 1 Question Set
2	5. Age Differences and Drug Action	13-16	38-39	56-61	
Cardiovascular Pharmacology					
2	6. Physiology Overview: The Autonomic Nervous System	37-40	58-65	83-94	
2	7. Physiology Overview: The Cardiovascular System	-	-	-	
2	8. Cholinergic Agonists and Antagonists	51-60	66-71	121-139	Week 2 Question Set
3	9. Adrenergic Agonists and Antagonists	40-51	71-79	96-117	
3	10. Physiology Overview: The Kidneys	-	-	239-244	
3	11. Diuretics	275-288	292-296	244-254	Week 3 Question Set
3	Sample Questions for Exam 1				Sample Qs
4	Exam 1: Monday, February 4, 8 PM Covers topics 1 - 11				Exam 1

Exam 2 Material

Week	Topic	Pages Roach	Pages Haveles	Pages C & S	Assignment
Exam 2 covers topics 12 – 23. Download the Exam 2 Study Guide here.					
4	12. Drugs for Hypertension	230-243	287-303	206-237	
4	13. Drugs for Heart Failure	199-206	274-277	151-157	Week 4 Question Set
5	14. Drugs for Angina	217-227	281-287	196-203	
5	15. Drugs for Cardiac Arrhythmia	206-214	277-281	160-193	
Drugs Affecting the Blood					
5	16. Physiology Overview: The Blood	-	-	-	
5	17. Cholesterol - Lowering Drugs	244-254	304-306	268-275	
5	18. Anticoagulant Drugs	255-265	306-312	256-265	Week 5 Question Set
6	19. Vitamins, Minerals, etc.	-	234-257	777-783	
Endocrine Pharmacology					
6	20. Physiology Overview: The Endocrine System	-	-	-	
6	21. Drugs for Diabetes	323-338	363-375	763-775	
6	22. Drugs for Thyroid Disorders	357-362	361-363	742-752	
6	23. Physiology Overview: The Reproductive System	-	-	-	Week 6 Question Set
6	Sample Questions for Exam 2				Sample Qs
7	Exam 2: Monday, February 25, 8 PM Covers topics 12 – 23				Exam 2

Exam 3 Material

Week	Topic	Pages Roach	Pages Haveles	Pages C & S	Assignment
Exam 3 covers topics 24 – 33. Download the Exam 3 Study Guide here.					
7	24. Estrogens and Female Reproductive Drugs	366-377	375-379 382	704-713	
7	25. Androgens and Male Reproductive Drugs	362-366	380-381	724-740	
Nervous System Pharmacology					
7	26. Physiology Overview: CNS Neurotransmitters	-	-	281-288	Week 7 Question Set
8	27. Local Anesthetics	132-134	177-198	330-335	
8	28. General Anesthetics	135-139	220-233	291-306	
8	29. Neuromuscular Blocking Drugs, Muscle Relaxants	503	79-80 216-217	338-345	
8	30. Sedatives and Hypnotics	64-70	199-216	-	Week 8 Question Set
9	31. Pain Relievers: Opioid Analgesics	154-166	103-118	311-327	
9	32. Pain Relievers: Non - Steroidal Antiinflammatory Drugs	141-154	81-102	424-432	
9	33. Drugs for Epilepsy	97-106	314-325	374-383	Week 9 Question Set
9	Sample Questions for Exam 3				Sample Qs
10	Exam 3: Monday, March 17, 8 PM Covers topics 24 – 33				Exam 3

Exam 4 Material

Week	Topic	Pages Roach	Pages Haveles	Pages C & S	Assignment
Exam 4 covers topics 34 – 43. Download the Exam 4 Study Guide here.					
10	34. Drugs for Parkinson's Disease	106-115	-	364-370	
10	35. Drugs for Alzheimer's Disease	117-121	-	370-371	
10	36. Drugs for Schizophrenia	83-88	326-333	397-403	Week 10 Question Set
11	37. Drugs for Depression	75-82	333-339	385-393	
11	38. Drugs for Bipolar Disorder	86-87	338	393-395	
11	39. Drugs for Anxiety Disorders	70-75	214	356	
11	40. Drugs for Attention Deficit - Hyperactivity Disorder	93-97	76	348-352	Week 11 Question Set
12	41. Drugs of Abuse	-	443-459	406-419	
Immune Pharmacology					
12	42. Physiology Overview: The Immune System	350-357	349-358	686-698	
12	43. Drugs for Allergy	169-175	339-348	449-455	Week 12 Question Set
12	Sample Questions for Exam 4				Sample Qs
13	Exam 4: Monday, April 14, 8 PM Covers topics 34 - 43				Exam 4

Final Exam Material

Week	Topic	Pages Roach	Pages Haveles	Pages C & S	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	177-189	393-401	458-467	
13	45. Drugs for Arthritis	496-502	-	432-438	
Chemotherapy					
13	46. Principles of Chemotherapy	-	-	509-513	Week 13 Question Set
14	47. Antibiotics	389-417	119-154	515-554	
14	48. Antifungal Drugs	443-449	163-170	596-602	
14	49. Antiviral Drugs	435-443	170-176	567-593	
14	50. Cancer Chemotherapy	475-492	384-392	630-654	Week 14 Question Set
Drugs for Other Organ Systems					
15	51. Drugs for Gastrointestinal Disorders	299-320	402-408	471-482	
15	52. Drugs for Eye Disorders	527-536	-	-	
15	53. Drugs for Skin Disorders	510-524	-	484-497	
15	54. Drugs for Bone Disorders	503-504	250-251	754-760	
15	55. Toxicology	-	-	63-73	
15	Sample Questions for Final				Sample Qs
16	Final Exam: Thursday, May 8, 8 PM 100 points on topics 44 - 55 + 32 points comprehensive				Final Exam