

Rx422 – Advanced Dosage Forms

Course Outline - Spring 2009

Lecture: Monday, Tuesday, Wednesday
11:00-11:50am
JH141

Labs: Section A Tues 2-5pm
Section B Wed 8-11am
PB302

Section C Thurs 2-5pm
Section D Friday 8-11am

Date	Topic	Instructor	Lab
Monday, Jan 12	Course outline – Syllabus review	Ockerman	No labs
Tuesday, Jan 13	Inhalation Drug Delivery	Motlekar	
Wednesday, Jan 14			
Monday, Jan 19	NO CLASS – MLK Day		Lab Wk I – Inhalers and an IV refresher
Tuesday, Jan 20	Oral Modified Drug Delivery Systems	S. Das	
Wednesday, Jan 21			
Monday, Jan 26	Oral Modified Drug Delivery (continued)	S. Das	Lab Wk II – Container lab
Tuesday, Jan 27			
Wednesday, Jan 28	Fundamentals of IV Formulations	Motlekar	
Monday, Feb 2	Sterilization (end of Cluster I material)	Motlekar	No labs
Tuesday, Feb 3			
Wednesday, Feb 4			
Feb 5, 6 and 9	CLUSTER I		
Tuesday, Feb 10	IV Admixtures And Incompatibilities (cont.)	Motlekar	Lab Wk III – Syringe pumps
Wednesday, Feb 11	IV Catheters & Their Maintenance	Ockerman	
Monday, Feb 16	Delivery of Proteins	Motlekar	Lab Wk IV – Protein preps ATV in H.H.
Tuesday, Feb 17			
Wednesday, Feb 18	Parenteral Modified Drug Delivery	S. Das	
Monday, Feb 23	Dispensing and Handling of Cytotoxic Agents	Ockerman	LAB PRACTICAL MIDTERM EXAM
Tuesday, Feb 24			
Wednesday, Feb 25			
Monday, Mar 2	CASE STUDY (end of Cluster II material)	Faculty	No labs
Tuesday, Mar 3	Pegylated Products/Active Targeting	N. Das	
Mar 4-6	CLUSTER II		
Mar 9-13	SPRING BREAK		
Monday, Mar 16	Liposomal Delivery Systems	N. Das	Lab Wk V – Intro to BSCs
Tuesday, Mar 17			
Wednesday, Mar 18	Radiopharmaceuticals	Piepenbrink	
Monday, Mar 23	Radiopharmaceuticals (cont)	Piepenbrink	Lab Wk VI – Chemo I
Tuesday, Mar 24	TPN Compounding and Calculations	Ockerman	
Wednesday, Mar 25			
Monday, Mar 30	TPN Compounding and Calcs (cont.)	Ockerman	Lab Wk VII – Chemo 2
Tuesday, Mar 31			
Wednesday, Apr 1	Impregnated Stents (end Cluster III material)	N. Das	
Monday, Apr 6	Specialty Infusion Devices	Ockerman	Lab Wk VIII – TPN ATV in V.H.
Tuesday, Apr 7			
Wednesday, Apr 8	CASE STUDY	Faculty	
Apr 13-15	CLUSTER III		
Monday, Apr 20	USP <797>; Pharmaceutical Compounding of Sterile Preparations	Ockerman	LAB PRACTICAL FINAL EXAM
Tuesday, Apr 21			
Wednesday, Apr 22			
Monday, Apr 27	Wrap-Up and Review	Faculty	No labs
Tuesday, Apr 28	NO CLASS - READING DAY		
Apr 29 – May 5	FINAL EXAMS		