Biochemistry 4450a Lecture Schedule (2009):

Tentative schedule: August 7, 2009

September 2009

S	M	T	W	T	F	S	Lecture #
		1	2	3	4	5	- -
6	7	8	9	10	11	12	- 1
13	14	15	16	17	18	19	2 3
20	21	22	23	24	25	26	4 5
27	28	29	30				6 -

October 2009

S	M	T	W	T	F	S	Lecture #
				1	2	3	- 7
4	5	6	7	8	9	10	8 Q
11	12	13	14	15	16	17	9 10
18	19	20	21	22	23	24	11 12
25	26	27	28	29 MT	30	31	13 R/MT

November 2009

S	M	T	W	T	F	S	Lecture #
1	2	3	4	5	6	7	14 15
8	9	10	11	12	13	14	16 17
15	16	17	18	19	20	21	18 19
22	23	24	25	26	27	28	20 21
29	30						

December 2009

S	M	T	W	T	F	S	Lecture #
		1	2	3	4	5	22 23
6	7	8	9	10	11	12	
13	14	15	16	17	18	19	
20	21	22	23	24	25	26	
27	28	29	30	31			

Q: Quiz
R: Review
MT:Midterm
-: no class

lecture 1: Course Introduction and Cancer 'by the Numbers' lecture 2: The Hallmarks of Cancer	**INTRODUCTION** (Dr Rodenhiser)
lecture 3: The 'Cancer Genes': Viral Oncogenes and Rb lecture 4: The 'Cancer Genes': ras and p53 lecture 5: Multistage Progression and the two hit (more or less) hypothesis lecture 6: Genomic Instability: enabling Cancer progression lecture 7: Immortality and Senescence lecture 8: Model organisms used in Cancer Biology ***Quiz … 50 minutes: October 8 (in class)***	**CONCEPTS** (Dr Dick)
lecture 9: Genome Integrity I: Apoptosis lecture 10: DNA Repair overview lecture 11: Nucleotide Excision Repair lecture 12: Colon Cancer lecture 13: Defects in the BRCA genes and Breast Cancer ***Review in class prior to midterm (optional)*** ***Midterm … 2 hours … tentative date: October 29th evening*** lecture 14: Gene-Environment interactions	**PATHWAYS** (Dr Schild-Poulter)
lecture 15: Epigenetics and Cancer: translating basic science to treatment lecture 16: Metastasis and Angiogenesis lecture 17: Cancer Pharmacogenetics and Proteomics lecture 18: Molecular Diagnostics and Counselling lecture 19: Molecular Profiling of tumours: array technology lecture 20: New Cancer Therapies I: Antisense technologies lecture 21: New Cancer Therapies II: The concept of Viral therapies lecture 22: Targeting Cancer by Viral therapies: Reo lecture 23: Summing up, review; feedback ***Final exam … 3 hours … date to be determined***	**TARGETING** (Dr Rodenhiser)

http://publish.uwo.ca/~drodenhi/Biochem450A.html