

PATH 823 COURSE OUTLINE

SEPTEMBER TO DECEMBER, 2010

Co-ordinator: Dr. Bruce Elliott
(elliottb@queensu.ca)

DATE AND TIME: Fridays, 9:30-12:30 PM (unless otherwise indicated)

PLACE: Conference Room 100/101, 1st Floor, Cancer Research Institute

WK	DATE	DURATION	TOPIC	SESSION LEADER
1	Sept 17	1h: 9:30-11:30 0.5h 11:30-12:00	Introduction – Initiation of cancer and tumour progression Evaluation scheme	Elliott
2	Sept 24	2h: 9:30-11:30 AM	Pathology of Cancer	Boag
3	Oct 1	3h*: 9:30-12:30 AM	Epidemiology of cancer	Queenan
4	Oct 8	3h*: 9:30-12:30 AM	Nuclear oncogenes and gene transcription	Lebrun
5	Oct 15	3h*: 9:30-12:30 AM	Growth factors and signal transduction pathways	Elliott
6	Oct 22	3h*: 9:30-12:30 AM	Mechanism of tumour suppression	Yang
7	Oct 29	3h*: 9:30-12:30 AM	Angiogenesis	Greer
8	Nov 5	3h*: 9:30-12:30 AM	Molecular biology of metastasis	Elliott
9	Nov 12	3h*: 9:30-12:30 AM	Treatment response	Squire
10	Nov 19	3h*: 2:30-5:30 PM	Cancer immunosurveillance and immuotherapy	TBA
11	Nov 26	3h@ 9:30-12:30	Mutator phenotype	Davey
12	Dec 3	3h*: 9:30-12:30 AM	Overview	All session leaders invited to attend

Evaluation:

Presentation: 30%
Essay #1: 20%
Essay #2: 20%
Final Exam: 30%

Two Essays:

Choose two essay topics from two different parts of the course:

Part I: Wks 1-3(Due Oct. 20)
Part II: Wks 4-7(Due Nov. 18)
Part III: Wks 8-11(Due Dec. 10)