

**CO-ORDINATOR:** Dr. Chris Nicol (Email: [nicolc@queensu.ca](mailto:nicolc@queensu.ca) )

**TA:** Elizabeth Lightbody (Email: [8edl2@queensu.ca](mailto:8edl2@queensu.ca) )

**DATE AND TIME:** FRIDAYS, 9:30 AM - 12:30 PM

**LOCATION:** Cancer Research Institute (CRI) Room 100/101  
(\*\* Unless otherwise indicated)

### GENERAL COURSE FORMAT:

Each session will have students separated into teams. Class begins with a short evaluation (rapid assessments ~ 15min) of the major details of the pre-assigned reading material, followed by in class team-based learning using cases/problems in the topic area by the Session Leader (max time ~ 1.5 hrs). After a short break (~15 min), individual student presentations (20 min max) of assigned papers will occur, followed by a class discussion led by the presenter (10 min). Session leaders add value, corrections, etc. as appropriate. At the end, the session leader and co-ordinator may provide some additional comments or overall appraisal. Students will also select one essay topic from among sessions in the course, and submit their summary abstract for feedback, before essay submissions. The course aims to: 1) provide fundamental and sometimes cutting edge concepts relevant to each cancer biology session topic; and 2) improve the student's ability to recognize challenges in these areas, while clearly and concisely articulating their ideas to overcome them.

### EVALUATION

<b>Rapid Assessments</b>	<b>10%</b>
<b>Presentations</b>	<b>30%</b>
<b>Essay</b>	<b>25%</b>
<b>Essay Abstract</b>	<b>5%</b>
<b>Team Participation</b>	<b>10%</b>
<b>Peer Assessment</b>	<b>5%</b>
<b>Final Oral Evaluation</b>	<b>15%</b>

### ABSTRACT & ESSAY

*Choose One Topic from the Sessions*

- **Abstract Due Date – 7 Oct. 2016**
- **Essay Due Date – 18 Nov. 2016**

### SESSION LEADER CONTACT INFO

Name	Email	Tel.	Name	Email	Tel.
Dr. Boag	<a href="mailto:boaga@kgh.kari.net">boaga@kgh.kari.net</a>	32850	Dr. Lebrun	<a href="mailto:david.lebrun@queensu.ca">david.lebrun@queensu.ca</a>	33209
Dr. Davey	<a href="mailto:scott.davey@queensu.ca">scott.davey@queensu.ca</a>	36923	Dr. Nicol	<a href="mailto:nicolc@queensu.ca">nicolc@queensu.ca</a>	36531
Dr. Graham	<a href="mailto:grahamc@queensu.ca">grahamc@queensu.ca</a>	32852	Dr. Richardson	<a href="mailto:HRichardson@queensu.ca">HRichardson@queensu.ca</a>	78958
Dr. Greer	<a href="mailto:greerp@queensu.ca">greerp@queensu.ca</a>	75081	Dr. Yang	<a href="mailto:yangx@queensu.ca">yangx@queensu.ca</a>	75998
Dr. Koti	<a href="mailto:madhuri.koti@queensu.ca">madhuri.koti@queensu.ca</a>	32498			

## COURSE SCHEDULE

WK	DATE	DURATION	TOPIC	SESSION LEADER
1	16 Sept	9:30-12:30	Introduction and Cancer Initiation & Progression	Nicol
*2* <b>note room change</b>	23 Sept	9:30-10:30	Pathology of Cancer <b>* Richardson Labs Lobby *</b>	Boag
		10:30-12:30	<b>* CRI Rm 100 *</b>	Nicol
3	30 Sept	9:30-12:30	Growth Factors & Signal Transduction Pathways	Nicol
4	7 Oct	9:30-12:30	Nuclear Oncogenes & Gene Transcription <b>* ABSTRACTS DUE *</b>	Lebrun
5	14 Oct	9:30-12:30	Epidemiology of Cancer	Richardson
6	21 Oct	9:30-12:30	Cancer Suppression	Yang
7	28 Oct	9:30-12:30	Cancer Angiogenesis	Greer
8	4 Nov	9:30-12:30	Cancer Immunosurveillance & Immunotherapy	Graham
9	11 Nov	9:30-12:30	Mutator Phenotype	Davey
10	18 Nov	9:30-12:30	Molecular Biology of Metastasis <b>* ESSAYS DUE *</b>	Nicol
11	25 Nov	9:30-12:30	Treatment Response	Koti
12	2 Dec	9:30-12:30	Overview	-
13	9 Dec	9:30-12:30	FINAL ORAL EVALUATIONS	-