Biotechnology, Biol 401A, University of Victoria Fall 2020

Goals for this course:

This course is designed to give you an understanding of the application of genetic and molecular biological principles to research and industry; it is about the "Tools and Rules" of Biotechnology: dive into the why and how and explore many variations of standard techniques like cloning, PCR, protein expression systems, use of DNA enzymes and sequencing.

We are in contact with local biotechnology companies to organize guest lectures.

With whom do you have to deal with?

Dr. Francis Choy: Professor in the Department of Biology and a member of the Centre for Biomedical Research (CBR).

Phone: 250- 721-7107

E-mail:fchoy@uvic.ca

Monday, and Thursday 10 am – 11.20 am. Classes start Thursday Sept 10th and end Thursday Dec 3rd. This term the course will be taught online.

For the first half of the term taught by BE you can expect to see recorded lecture slides usually one week ahead of time. Class material will be arranged in 20 - 50 min lecture packages (roughly 80 min for each lecture depending on the topic sometimes a little less/more min) for each lecture. You can listen to the lecture in one sitting, or you can start and stop as you like. I only expect you to be actually available in real time biweekly on Thursdays at 10 am – 11.20 am

There is no designated textbook for this course, but all lecture slides and recordings will be posted on a Brightspace website. I recommend that you listen to those recordings and take notes, add comments on slides and answer questions.

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References to scientific papers can be found in the lectures notes and it is your responsibility to find the papers online.

Evaluation:
- **Three quizzes** on Sept 24th, Oct 8th, Oct 22nd covering material taught by BE (each quiz is worth **8% = 24%**), after the Q&A session at **10.40 am** on Brightspace. **It is your responsibility to log on to complete and submit the quiz within the 40 min time window.**

There will be a **Mock exam** on Thursday Sept 17th so you can get familiar with online exams on Brightspace. There is no grade associated with the mock exam. If you have any **technical issues** using Brightspace, this is the time to figure this out and please contact the **computer help desk** via email (helpdesk@uvic.ca) ASAP.
- **Midterm: 28%** on Nov 16th at 10 am – 11.20 am on Brightspace covering material taught by FC

If you are unable to write at LEAST TWO quizzes and/or the midterm, alternative modes of evaluation might be necessary.

- **Final:**

How to be successful

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