MLSCI 460 – Clinical Biochemistry

Overview / General Information

MLSCI 460 is an advanced clinical biochemistry course in which students gain an in-depth analytical and clinical perspective which builds upon their basic laboratory medicine knowledge acquired in Phase 1 and 2 of the Medical Laboratory Science program.

Policy about course outlines can be found in Course Requirements, Evaluation Procedures and Grading of the University Calendar. [http://calendar.ualberta.ca/content.php?catoid=6&navoid=806#course-requirements,-evaluation-procedures-and-grading-a](http://calendar.ualberta.ca/content.php?catoid=6&navoid=806#course-requirements,-evaluation-procedures-and-grading-a)

The University of Alberta is committed to the highest standards of academic integrity and honesty. Students are expected to be familiar with these standards regarding academic honesty and to uphold the policies of the University in this respect. Students are particularly urged to familiarize themselves with the provisions of the Code of Student Behaviour (online at [www.governance.ualberta.ca](http://www.governance.ualberta.ca)) and avoid any behaviour which could potentially result in suspicions of cheating, plagiarism, misrepresentation of facts and/or participation in an offence. Academic dishonesty is a serious offence and can result in suspension or expulsion from the University.

Audio or video recording, digital or otherwise, of lectures, labs, seminars or any other teaching environment by students is allowed only with the prior written consent of the instructor or as a part of an approved accommodation plan. Student or instructor content, digital or otherwise, created and/or used within the context of the course is to be used solely for personal study, and is not to be used or distributed for any other purpose without prior written consent from the content author(s).

Course Coordinator / Instructor(s)

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Course Competencies

Using cooperative and self-directed learning to gain and apply knowledge of basic clinical biochemistry to patient-based clinical laboratory scenarios and scientific articles.

Distribution of Marks

MLSCI 460

- Case Presentations 30%
- Midterm Exam 25%
- Term Paper 30%
- Term Paper Presentation 5%
- Participation 10%

Attendance

Students are expected to attend all classes and arrive on time whether or not they are presenting a case or an article. Ten percent of the final course mark is assigned to professionalism and active participation, including attendance in the course. If you are sick, please notify the course coordinator and phone the MLS office (780) 492-6601 before class begins.