

Chem 2713: Biochemistry Winter 2017

Instructor/Contact	Teri Gullon, teri.gullon@acadiau.ca		
Office and Office Hours	ELL 322 - MWF 12:20-1:20 or by appointment		
Lecture	TTh 8:30-10 in ELL 221		
Textbook: Lehninger Principles of Biochemistry by David Nelson, Michael Cox. 6 th edition Various bundle options are available through the bookstore and/or you can buy the eBook through SaplingLearning			
Description: This is an introductory course in biochemistry. Topics to be examined include: water (biochemical importance), amino acids and peptides, 3D protein structure and function. We will also introduce carbohydrates, nucleotides, lipids and enzymes. Structure, function and mechanistic approach will be emphasized. The lecture portion does not require the students to bring their laptops although taking notes is highly recommended.			
Requirements: The prerequisite for this course is CHEM 2513 with a minimum grade of C-. Antirequisite: credit cannot be obtained for both CHEM 2713 and CHEM 2773. Since chemistry is a laboratory science, the laboratory for this class is an integral part of the course. You must obtain a passing grade in the laboratory to pass the course. You will be expected to complete ALL laboratory experiments by attending ALL pre-lab sessions and the corresponding laboratory classes. You will also have to write up these laboratories according to a specified format and hand them in to be marked at specified times. Unexcused absences will result in a zero grade for that particular laboratory session. If you have more than one unexcused absence from the laboratory, you will be assigned a failing grade for the course.			
Course Material: REQUIRED: Lab coat, safety glasses, lab book, lab manual RECOMMENDED: Textbook (see above), Sapling Learning Homework			
Grading	Sapling Homework 10 % Labs 20 % Test 1 15% Test 2 15% Final Exam 40%	OR	Labs 20 % Test 1 15% Test 2 15% Final Exam 50%
Organization: The course consists of two 1.5-hour lectures per week. Lectures will be delivered primarily by annotated iPad presentations. Lectures will be posted prior to class on the Acorn course site. If there are significant annotations in class, the modified after-class lectures in pdf format will be posted on Acorn as well. You will have the option of registering in Sapling Learning (highly recommended) for homework. The Sapling homework is worth 10%; if you opt out then the final exam will be worth 50% (see Grading). No make-up tests will be given in this course. If you feel you have a valid reason for missing a test, please send the documents to Registrar's office. Only Registrar's note of excuse will be accepted for all course work. A missed test with no valid reason by the deadline will count as zero. An excused test will be eligible for replacement with the final examination grade. Only ONE test may be replaced in this way.			
Test Dates: Feb 7 th and March 14 th in class			

Students with Disabilities:

If you are a student with a documented disability who anticipates needing supports or accommodations, please contact Dr. Abu Kamara, Coordinator, Accessible Learning Services at [902-585-1291](tel:902-585-1291), abu.kamara@acadiu.ca or Kathy O'Rourke, Disability Resource Facilitator at [902-585-1823](tel:902-585-1823), disability.access@acadiu.ca. Accessible Learning Services is located in Rhodes Hall.