



Please Note: Failure to attend a Quiz or Midterm exam will normally result in a score of zero, unless you have a good reason for being absent (Instructor's discretion). In the case of illness, a medical certificate must be presented. In either case, the final exam will be pro-rated to reflect the missed Midterm exam. A missed final exam will normally result in a score of zero. Only the Dean (or Associate Dean) of Arts & Science can authorize a "make-up" final exam.

Student's Responsibility: All students are required to abide by rules and regulations set forth in the University of Lethbridge Calendar. Students are expected to be aware of important academic deadlines, respect the rights of others and conduct themselves in accordance with accepted standards of good citizenship and honesty. In particular, students are expected to work independently and may not knowingly use, attempt to use, or share unauthorized materials with other students during examinations. Academic dishonesty will result in a failed examination (mark of zero) and may result in an assigned grade of 'F'. In order to ensure a fair and equitable environment, students are strongly encouraged to immediately and discretely report any incidence of academic dishonesty to the instructor.

**Approximate Lecture Outline:**

Section 1 - Proteins	Lecture 1	Introduction
	Lecture 2	Amino Acids
	Lecture 3	Purification Methods
	Lecture 4	Protein Structure
	Lecture 5	Protein Architecture
	Lecture 6	Protein interactions
	Lecture 7	Enzymes
Section 2 – Nucleic Acids	Lecture 8	Nucleosides
	Lecture 9	DNA
	Lecture 10	RNA
	Lecture 11	Transcription
	Lecture 12	Translation
Section 3 - Membranes	Lecture 13	Lipids
	Lecture 14	Membranes
	Lecture 15	Transport
	Lecture 16	Carbohydrates
Section 4 - Energetics	Lecture 17	Energetics
	Lecture 18	Metabolic Pathways
	Lecture 19	Glycolysis 1
	Lecture 20	Glycolysis 2
	Lecture 21	Electron Transport
Special Topics	Lecture 22	Current Topics