

Human Energy Metabolism

Kinesiology 430

Section: D100

Term: 2006 Spring

Instructor: Dr. Wade Parkhouse

Discussion Topics: Overview:

This course explores metabolic regulation and the metabolic responses to acute and chronic exercise and altered nutritional states. This course will include discussions of the hormonal control of the intermediary metabolism and assess the factors causing alterations in human energy metabolism. This course requires the student to apply the concepts learned to practical situations. Learning is encouraged through group interactions, presentations, and written reports.

Structure:

One three hour lecture/tutorial plus problem-based group work per week.

Grading: Examination: 50%

Paper: 30%

Report/Presentation: 20%

Required Texts: Selected Readings

Recommended Texts:

Materials/Supplies:

Prerequisite/Corequisite: Prerequisites:

Kin 306 or Kin 310 or BICH 321

Notes: Failure to attend an examination

Students who miss examinations due to exceptional circumstances (such as serious illness or compassionate reasons) are required to obtain a physician's certificate, whereby the physician states that you were unable to write your midterm or final on the set date due to a medical condition beyond your control, or other supporting documents in order to obtain consideration in the course. Such documents must be filed with the School Director (via the Kinesiology office) or Registrar within four calendar days of the date on which the examination was to have been written. Exceptional circumstances must be approved by the Undergraduate Program Committee in order for a student to receive consideration.

Students must check the exam schedule when making course selections. Students are reminded that final examinations may be scheduled at any time during the examination period and that students should avoid making travel or employment arrangements for this period.

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Academic honesty and student conduct

Academic honesty is a condition of continued membership in the University community.

Academic dishonesty, including plagiarism or any other form of cheating is subject to serious academic penalty, i.e. failure on an assignment, failure in a course, suspension or expulsion from the University.

The University codes of student conduct and academic honesty are contained in policies T10.01 and T10.02 which are available in the Course Timetable and on the Web via <http://www.reg.sfu.ca>.

July 2000

This outline is derived from a course outline repository database that was maintained by SFU Student Services and the University's IT Services Department. The database was retired in 2014 and the data migrated to SFU Archives in 2015.