

GRANDE PRAIRIE REGIONAL COLLEGE

BIOLOGY 0120 (Biology 20 Equivalency)

COURSE OUTLINE for the 2005 – 2006 Academic Year

Instructor: Nancy Campbell

Office: C412

Phone: 539-2088

Email: ncampbell@gprc.ab.ca

Office hours: Mon and Wed: 2:30 – 4:00 / Tues 11:00 – 12:00 and 2:30 – 3:00

Prerequisites: EN0120 placement and one of the following: Science 10 (with 65% of higher), or BI0110 and CH0110

Course Description:

Photosynthesis, and flow of energy and cycling of matter through the ecosystem will be discussed. Cellular respiration, respiration, digestion, circulation and defense as related to the human system will be analyzed.

Course Intent: This course is designed to be equivalent to the Alberta Learning Biology 20 curriculum, and is listed as such in the Alberta Transfer Guide. All colleges and universities within the Province of Alberta recognize this course in lieu of Biology 20. Modifications have been made to the content to adjust for adult learners and for a shorter semester.

Course Goals: The BI0120 course has been designed to provide you with an understanding of biological concepts, principles, and social issues. The program of studies has biology lab and computer lab components to help build your skills in the use of scientific equipment and computers. The course has two themes: the flow of energy and the recycling of matter. Ecology, and human anatomy and physiology of selected systems are explored.

The course is divided into four units:

Unit 1: Circulatory and Respiratory Systems

Unit 2: Digestive and Excretory Systems

Unit 3: The Biosphere

Unit 4: Energy Flows and Matter Cycles

Delivery Mode: BI0120 is delivered in a classroom and is lecture-based. Furthermore, the course has a lab component. The course is supplemented with resource material offered on Blackboard, a computerized, course management system.

Session Details:

Fall semester: September 6, 2005 – December 9, 2005.
A final exam is scheduled by the Registrar's office and maybe held anytime, up to and including December 20, 2005.

Winter Semester January 4, 2006 – April 13, 2006
A final exam is scheduled by the Registrar's office and maybe held anytime, up to and including April 25, 2006

Course Schedule: Dates for tests, exams, labs, and assignments will be announced in class and entered into the calendar in Blackboard

Lecture Schedule: M, T, W, R: 8:30 am – 9:20am, Room:

Lab Schedule: Friday: 8:00am – 9:50am, Room:

Textbook: Krogh, Biology: *A Guide to the Natural World*, third edition

Supplies: binder, lined paper, unlined white paper, pencil, stapler, metric ruler, computer paper, calculator, lab coat (optional)

Computer: Many resources, including the lab manual for this course, are accessed through Blackboard, a computer-based course management system. You may access Blackboard via any computer with an Internet link. If you do not have a personal computer, you may sign in to use the computers in A205 during daytime hours, or in the library during evening and weekend hours.

Attendance: Regular attendance is required and is essential for passing the course. If you must be absent, please contact me for assistance in acquiring missed material. As per Department Policy, if you miss more than 15 days per semester (approximately 1 day/week) in any course, you may be debarred from the final exam for that course.

Please be on time for class. When you are late, you disturb the rest of the class and you miss valuable information presented at the beginning of each class. Once attendance has been taken, you will be marked absent from the class even if you do arrive late.

If you are late for a lab, you might not be permitted to do the lab as important safety concerns are always addressed at the beginning of each lab period. **If you miss a lab, you will not have the opportunity for a make-up lab. You automatically receive a grade of 0 for that lab.**

Evaluation:

Tests	40%
Labs	15%
Assignments.....	5%
Midterm	20%
Final	20%

Tests: At the end of each unit is a unit test. Each test is worth 10%.

The following is the Department policy for missed tests:

1. In order to be given the opportunity to write a test after the due date, the student must phone the instructor on the morning of the absence and be given permission to write the test at a later date. If the instructor is unavailable, the student should leave his/her phone number or the number where the instructor can reach the student. If permission is given, the student will be given an alternate test.
2. If permission to write a late test is given, the late test will be docked a minimum of 10 percentage points per day of lateness. (This means 10 or more points off the mark the student achieves on the test.)

Exams: A **midterm exam** will be written at the end of Unit 2. It will cover the materials discussed in Units 1 & 2. A **final exam** will be scheduled during the final exam time. It will cover the material discussed in Units 3 and 4. If you are absent from an exam, you **MUST** provide a doctor's certificate that explains your absence for that particular time. Only then will an alternate time be scheduled for you to write a **different** exam.

Assignments and Lab Reports:

All labs are weighted equally.
Final assignment grade is calculated using raw scores.

Assignments and lab reports are due on the dates announced in class. Assignments and lab reports are due at the **beginning of the class**. A **penalty of 10%** per day will be imposed for late submissions. Once a set of labs or assignments has been returned to students, you will not be permitted to submit your late work for grading. If you miss a lab, you will not be able to make it up, as most labs require group work. Your assignments and lab reports **must be your own work**. That is, I do not want to see identical sentences, diagrams etc. **Students who submit work that is not their own will be penalized according to the College Policy on Cheating and Plagiarism.**

Academic Upgrading Grade Conversion Chart:

As approved: May 25, 2004

Alpha Grade	4-Point Equivalent	Percentage Guidelines	Designation
A+	4.0	90 - 100	<i>Excellent</i>
A	4.0	85 - 89	
A-	3.7	80 - 84	<i>First Class Standing</i>
B+	3.3	76 - 79	
B	3.0	73 - 75	<i>Good</i>
B-	2.7	70 - 72	
C+	2.3	67 - 69	<i>Satisfactory</i>
C	2.0	64 - 66	
C-	1.7	60 - 63	
D+	1.3	55 - 59	<i>Minimal Pass</i>
D	1.0	50 - 54	
F	0.0	0 - 49	<i>Fail</i>

For your transcript, your final calculated % grade for the course will be converted to a letter grade.

Please review Grande Prairie Regional College's calendar, which outlines student rights and responsibilities.