

**GRANDE PRAIRIE REGIONAL COLLEGE**

**BIOLOGY 0130 (Biology 30 Equivalency)**

**COURSE OUTLINE for the 2005-2006 Academic Year**

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**Instructor:** Nancy Campbell

**Office:** C412

**Phone:** 539-2088

**Email:** [ncampbell@gprc.ab.ca](mailto:ncampbell@gprc.ab.ca)

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

**Prerequisite:** BI0120 or equivalent and EN0130 placement

**Course Description:**

This course will introduce the student to the human nervous system as well as reproduction and development. Basic genetics and ecology will also be discussed.

**Course Intent:** This course is equivalent to the Alberta Learning Biology 30 curriculum, and is listed as such in the Alberta Transfer Guide. You may choose to use this course toward a Grande Prairie Regional College High School Equivalency Diploma; however, it may not be used toward the Alberta Learning High School Diploma. All colleges and universities within the Province of Alberta recognize this course in lieu of Biology 30. Modifications have been made to the content to adjust for adult learners and for a shorter semester.

**Course Goals:** The BI0130 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 several themes: homeostasis within the human body, human reproduction, genetics, and homeostasis within the environment. These themes are divided into four units:

**Unit 1:** Homeostasis: The Nervous and Endocrine Systems

**Unit 2:** Human Reproduction

**Unit 3:** Cells, Chromosomes, and DNA

**Unit 4:** Populations

You will be provided with a detailed course syllabus, which will outline for you all the learning objectives we will cover in each of the units.

**Delivery Mode:**

BI0130 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, F: 10:00am – 11:20am, Room:  
T, R: 10:00 am – 10:50am, Room:

**Lab Schedule:** Thursday, 11:00am – 12:50pm, Room:  
Note: Labs are not held each week.

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

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

**Computer:** Many resources for this course, including the lab manual, 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.**

<b>Evaluation:</b>	Tests .....	40%
	Labs .....	10%
	Assignments.....	5%
	Midterm .....	20%
	Final .....	25%

**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

<b>Alpha Grade</b>	<b>4-Point Equivalent</b>	<b>Percentage Guidelines</b>	<b>Designation</b>
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. The conversion chart is found on the following page. The Registrar's office will be given your letter grade and your final % grade for the course. Contact the Registrar's office if you need a final % grade for admission to another post secondary institution.

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