



# Grande Prairie Regional College

**School of Business**

**Department: Academic Upgrading**

COURSE OUTLINE –FALL 2007

## BI 0120 - Biology Grade 11 Equivalent 5 (4-0-2) HS

**Instructor** Pam Balderston

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**Office Hours** 11:30 – 1:30 Mon - Thurs

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### **Prerequisite(s)/corequisite(s):**

(BI0110, CH0110 and EN0110 and MA0090) or (Science 10 with a grade of 65% or higher and EN0120 placement and MA0110 placement)

### **Required Text/Resource Materials:**

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

### **Other supplies:**

Other supplies you will need include a binder, lined paper, unlined white paper, computer paper, pencil, calculator, stapler, and lab coat (optional).

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.

### **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.

**Delivery Mode(s):**

BI0120 is lecture-based. Furthermore, the course has a lab component. The course is supplemented with resource material offered on Blackboard and in the required textbook.

**Credit/Contact Hours:**

BI0120 is a 5-credit course including 4 hours of class, and 2 hours of lab per week.

***Session Details:***

September 6, 2007 – December 7 2007

A final exam is scheduled by the Registrar's office and could be scheduled anytime, up to and including December 19, 2007.

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

***Lecture Schedule:*** *Monday, Tues, Wed, Thurs 1:30 – 2:20 Room: TBA*

***Lab Schedule:*** Friday, 12:30 – 2:20, Room: J130 (Biology Lab) or A205 (Computer Lab )

**Objectives:**

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

A course syllabus, which lists all the course objectives, is provided.

### **Transferability:**

This course is equivalent to the Alberta Learning Biology 20 curriculum, and is listed as such in the Alberta Transfer Guide.

### **Grading Criteria:**

#### ***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%.

**Exams:** A **midterm exam** will be written at the end of Unit 2. It will cover the content discussed in Units 1 & 2. A **final exam** will be scheduled during the final exam time. It will cover the content 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.

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.

### **Statement on Plagiarism and Cheating:**

The instructor reserves the right to use electronic plagiarism detection services. Although you work together in pairs in the lab, you are to write separate reports, which are your own work. Electronic devices, other than simple calculators, are not allowed into tests or exams.

Grades will be assigned on the Letter Grading System.

**Academic Upgrading Department  
Grading Conversion Chart**

Alpha Grade	4-point Equivalent	Percentage Guidelines	Designation
A <sup>+</sup>	4	90 – 100	EXCELLENT
A	4	85 – 89	
A <sup>-</sup>	3.7	80 – 84	FIRST CLASS STANDING
B <sup>+</sup>	3.3	76 – 79	
B	3	73 – 75	GOOD
B <sup>-</sup>	2.7	70 – 72	
C <sup>+</sup>	2.3	67 – 69	SATISFACTORY
C	2	64 – 66	
C <sup>-</sup>	1.7	60 – 63	
D <sup>+</sup>	1.3	55 – 59	MINIMAL PASS
D	1	50 – 54	
F	0	0 – 49	FAIL

**Classroom Department:**

**AUD STUDENT CLASSROOM DEPARTMENT GUIDELINES**

Philosophy: This is an adult education environment; students are expected to show respect for others. Students are also learning skills to prepare them for the work environment.

Preamble: Even though the department is empathetic to the needs of our students, we have determined over the years that certain activities are not conducive to an

atmosphere of learning. Therefore, we ask the cooperation of all of our students in several areas of classroom deportment.

The following guidelines assist all of us in maintaining an adult learning environment with “respect for the rights of other members of the College community” (from the Student Rights and Responsibilities of the College calendar).

1. Please refrain from unnecessary talking in class (“visiting”, social discussions). Please ask your instructor for information or clarification when you have a question. Other students do not necessarily have the correct information.
2. Turn off your cell phone and other electronic equipment during class time. That is, your electronic device(s) should not ring, vibrate, send you a text message, play music for you, or perform other distracting functions! Parents who are expecting phone calls from the day care or from schools should see Caryl in the main office and complete a form. Caryl will then find you in class if any calls come in.
3. Do not bring children to class with you. This is an adult learning environment and it is not an appropriate setting for children.
4. Eating, drinking coffee, etc are allowed only on a limited basis and if the following are observed:
  - If you must bring food or drink to class, purchase it during your break so that you are coming to class on time and staying for the duration of the class
  - Clean up all garbage, crumbs, etc. from the area where you were eating/drinking
  - Your eating or drinking should not disrupt your learning activities and progress or the learning activities and progress of others in the class
5. As per the student responsibilities section in the College Calendar, you are expected to “arrive on time and remain for the duration of scheduled classes and related activities.”

## **AUD EXAM/ATTENDANCE POLICIES**

As per the College calendar, students are responsible to “write tests and final examinations at the times scheduled by the instructor or the Office of the Registrar”. No electronic equipment, other than simple, non-programmable calculators, will be allowed at your desk during exam time.

### **ATTENDANCE**

Attendance will be recorded each day at the beginning of class. If you miss a significant number of classes your grade will likely suffer. You are responsible for getting the notes for material missed from your fellow classmates. Often class handouts such as diagrams and assignments are posted on Blackboard; it is your responsibility to get copies from either Blackboard or your instructor.

### **LATE EXAMS / TESTS / ASSIGNMENTS / LABS**

- 1. In order to be given the opportunity to write an exam/test after the due date or to submit an assignment or lab at a later date, the student must phone or email the instructor on the morning of the absence and be given permission to write the test or submit the assignment or lab at a later date. If the instructor is unavailable, the student should leave his/her home phone number or the number where the instructor can reach the student.**
2. Once the test/quiz/assignment has been handed back to the class, there is no opportunity for a late write or hand-in. The student will be assigned a grade of ‘0’ for that test/quiz/assignment.

### **Electronic Devices**

No unspecified electronic devices will be allowed in exams.