



# Grande Prairie Regional College

**Department: Academic Upgrading**

COURSE OUTLINE – Fall 2008

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

**Instructor** Pam Balderston

**Phone** 539 - 2955

**Office**

**E-mail** pbalderston@gprc.ab.ca

**Office Hours**

11:30 – 1:30 Mon - Thurs

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

SC0110 (or BI0110 and CH0110) or Science 10; EN0110 (or EN0120 placement); and MA0100 (or MA0110 placement)

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

McGraw-Hill Ryerson, *Inquiry Into Biology*

### **Other supplies:**

Other supplies you will need include a binder, lined paper, unlined white 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:**

The major concepts in this course include human systems (digestion; respiration; circulation; immune, excretory and motor systems); energy and matter exchange in the biosphere; population change; photosynthesis and cellular respiration.

**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:***

Sept. 4 2008 – Dec. 8 2008

A final exam is scheduled by the Registrar's office.

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

***Lecture Schedule:*** *Monday, Tues, Wed, Thurs 1:30 – 2:20* Room: E 305

***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:*** Introduction to Biology and the Motor System

***Unit 2:*** Circulatory and Respiratory Systems

***Unit 3:*** Digestive and Excretory Systems

***Unit 4:*** Ecology

***Unit 5:*** Photosynthesis and Cellular Respiration

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 .....	45%
Labs & Assignments.....	15%
Midterm .....	20%
Final .....	20%

**Tests:** At the end of each unit is a unit test. Unit 1 test is worth 5% and all other tests are worth 10%.

**Exams:** A **midterm exam** will be written at the end of Unit 3. It will cover the content discussed in Units 1,2, and 3. A **final exam** will be scheduled during the final exam time. It will cover the content discussed in Units 4 and 5. 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 and assignments are weighted equally.

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

**AUD STUDENT CLASSROOM DEPARTMENT GUIDELINES**

The Academic Upgrading Department is an adult education environment. Students are expected to show respect for each other as well as faculty and staff. They are expected to participate fully in achieving their educational goals in a timely manner.

Certain activities are disruptive and not conducive to an atmosphere of learning. In addition to the ***Student Rights and Responsibilities*** as set out in the College calendar, the following guidelines will maintain an effective learning environment for everyone. We ask the cooperation of all students in the following areas of classroom department.

1. Students are expected to turn off cell phones during class time or in labs.
2. Refrain from disruptive talking or socializing during class time.
3. Be respectful of others regarding food or beverages in the classroom. Clean up your eating area and dispose of garbage.
4. Recycle paper, bottles and cans in the appropriate containers.
5. Students are expected to be punctual. Arrive on time for classes and remain for the duration of scheduled classes or related activities.
6. Children are not permitted in the classrooms.

### **Attendance**

If students miss more than 15% (or 10 days) of classes per semester in any course, they may be debarred from the final exam for that course. It is the student's responsibility to notify his/her instructor of any extenuating circumstances.

### **Tests**

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".

Missed exams/tests/quizzes/assignments policy [if not specified in the course outline]

1. In order to be given the opportunity to write or submit after the due date, the student must make **prior arrangements** with the instructor and be given permission to write or submit at a later date. This requirement also applies to quizzes and assignments.
2. Once the exam/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'

### **Electronic Devices**

No unspecified electronic devices will be allowed in exams.

### **Success Standard**

Although 50% is considered a pass in most courses, if you wish to be successful at the next level, we strongly recommend that you have a mark of 60% or better in your pre-requisite courses.

