



# Grande Prairie Regional College

Department: Academic Upgrading

COURSE OUTLINE – WINTER 2008

## BI 0110 - Biology Grade 10 Equivalent 3 (3-0-0.5) HS

**Instructor** Pam Balderston

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

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

Prerequisites: SC0100 or permission of department and EN0100 or equivalent. (MA0090 or equivalent is recommended)

Co requisites: MA0100 and CH0110 are required as co requisites for students who plan to continue to BI0120.

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

Krogh, Biology: A Guide to the Natural World, third edition. (This textbook is also used for BI0120 and BI0130.)

### **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 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 the daytime or in the library during evenings and weekends.

**Description:**

Energy from the sun, properties of water, exchange of energy and matter between living systems and their environment are investigated. Cell structure and function, and membrane transport are analyzed. Diversity of life is explored and plants are studied as examples of multicellular organisms.

**Delivery Mode(s):**

BI0110 is lecture-based and is supplemented with labs, and computer-based learning.

**Credit/Contact Hours:**

BI0110 is a 3-credit course.

***Session Details:***

January 3, 2008 – February 15, 2008

***Course Schedule:***

Dates for tests, labs, and assignments will be announced in class and entered on the calendar on Blackboard.

***Lecture Schedule:*** The course is scheduled for Monday, Tuesday, Wednesday, Thursday and Friday from 10:00am – 11:20pm. Since the course is taught in a variety of ways, the class may be meeting in one of three places on a given day:

- 1) regular classroom
- 2) Biology Lab J130
- 3) Computer Lab A205.

It is important to attend classes regularly to find out what is happening and where, or alternatively check out the calendar in Blackboard.

**Objectives:**

The BI0110 course has been designed to provide you with an introduction to the world of living organisms. It incorporates learning opportunities for you in both the biology and computer labs. There are several biological themes explored in this course including: scientific method; microscopy; cell structure and function; membrane structure and function; energy; and diversity of life.

<b>Unit 1:</b> Introduction to Science and Biology	<b>Unit 4:</b> The Cell as an Open System
<b>Unit 2:</b> Introduction to Microscopy	<b>Unit 5:</b> Energy and Living Systems
<b>Unit 3:</b> The Cell is the Basic Unit of Living Systems	<b>Unit 6:</b> The Classification of the Diversity of Life and the Plant as an Example of a Multicellular organism.

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

## **Grading Criteria:**

<b>Evaluation:</b>	Tests.....	65%
	Labs.....	15%
	Assignments .....	20%

**Tests:** There are three tests.

Test 1:	Units 1 and 2	Worth 15%
Test 2:	Units 3 and 4	Worth 30%
Test 3:	Units 5 and 6	Worth 20%

## ***Assignments and Lab Reports:***

All labs are weighted equally.

Final assignment grade is calculated using raw scores.

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.

## **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**

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 department.

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 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 LeiLani in the main office and complete a form. LeiLani 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”.

#### **Attendance**

If you miss more than 15% of classes per semester in any course, you may be debarred from the final exam for that course.

## **Late Exams**

1. In order to be given the opportunity to write an exam 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 home phone number or the number where the instructor can reach the student. This requirement also applies to quizzes and assignments.
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.