



# Grande Prairie Regional College

**School of Arts, Science, and Academic Upgrading**

**Department: Academic Upgrading**

COURSE OUTLINE – Fall 2009

## **BI 0130 - Biology Grade 12 Equivalent 5 (5-0-1.5) HS**

**Instructor** Pamela Balderston

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**Office Hours** 11:30 -1:30 Mon-Wed.

The best way to contact me is through email. On college days I will return your phone call or email within 24 hours.

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### **Prerequisite(s):**

BI0120 or Science 30, EN0120 (or EN0130 placement) and MA0110 (or MA0120 placement).

### **Recommended Text/Resource Materials:**

*Inquiry into BIOLOGY*, McGraw-Hill Ryerson

### **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.

### **Calendar Description:**

The concepts in this course include nervous and endocrine systems; human reproduction and development; cell division, genetics and molecular biology; population and community dynamics.

### **Delivery Mode(s):**

BI0130 is lecture-based. Furthermore, the course has a lab component. The course is supplemented with resource material offered on Blackboard and in the recommended textbook.

### **Credit/Contact Hours:**

Bi0130 is a 5-credit course including 5 hours of class, and 1.5 hours of lab per week.

#### ***Session Details:***

January 6 – April 14, 2009

A final exam is scheduled by the Registrar's office and could be scheduled anytime, up to and including April 27, 2009.

***Course Schedule:*** Dates for quizzes, tests, exams, labs, and assignments will be announced in class.

***Lecture Schedule:*** M, T: 8:30am – 9:20am, Room TBA  
W, F: 8:30am – 9:50am, Room: TBA

***Lab Schedule:*** Thursday, 8:00am – 9:50pm, Room: TBA  
or

Thursday, 11:30am – 1:20pm TBA

Note: Labs are not held each week, however, when scheduled they each require 2 hours.

### **Objectives:**

The course is divided into 4 units

- Unit 1:*** The Nervous and Endocrine Systems
- Unit 2:*** Reproduction and Development
- Unit 3:*** Cell Division, Genetics, and Molecular Biology
- Unit 4:*** Population and Community Dynamics

A detailed course syllabus, which lists all the course objectives, is provided as a separate document.

**Transferability:**

This course is equivalent to the Alberta Learning Biology 30 curriculum, and is listed as such in the Alberta Transfer Guide.

**Grading Criteria:**

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

***Evaluation:***

Tests:

- Unit 1 . . . . . 10%
- Unit 2 . . . . . 10%
- Unit 3 . . . . . 10%
- Unit 4 . . . . . 10%

- Labs ..... 10%
- Assignments..... 10%
- Midterm ..... 20%
- Final ..... 20%

***Tests:*** Each of the 4 unit tests are worth 10%. Prior arrangements must be made with the instructor to write a test at a different date than specified. If you write a test after the assigned date, you will lose 10%, unless a doctor's note is provided.

***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.

***Assignments and Lab Reports:***

Lab reports will be graded and marked by your lab instructor. Assignments must be handed in on time and will be graded by me.

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 and you automatically receive a grade of 0 for that lab. You cannot use another person's data or class data to compile a lab report.

**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.**

(I also provide the Registrar's office with your percentage grade. Contact the Registrar's office if you need the percentage grade for admittance to another institution.)

**Academic Upgrading Department  
Grading Conversion Chart**

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

**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 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 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!
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

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 and handouts for material missed from your fellow classmates.

### 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. Doctor certificates will be required. Any exceptions will be dealt with on a case-by-case basis.**
2. Once a test/lab/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/lab/assignment. Late assignments or labs will receive a -10% per day late penalty. Any exceptions will be dealt with on a case-by case basis.

### Electronic Devices:

No unspecified electronic devices will be allowed in exams.