



## DEPARTMENT OF ACADEMIC UPGRADING

### COURSE OUTLINE – WINTER 2011

#### BI0120A2 5(4-0-2) HS 90 Hours

#### Biology Grade 11 Equivalent

**INSTRUCTOR:** Nancy Campbell

**PHONE:** 780-539-2088

**OFFICE:** C302

**E-MAIL:** [ncampbell@gprc.ab.ca](mailto:ncampbell@gprc.ab.ca)

**OFFICE**

Drop ins are welcome or please email me for an appointment time

**HOURS:**

that is suitable for both of us.

**PREREQUISITE(S)/COREQUISITE:** SC0110 (or BI0110 and CH0110) or Science 10; EN0110 (or EN0120 placement); and MA0100 (or MA0110 placement).

**REQUIRED TEXT/RESOURCE MATERIALS:** Inquiry into Biology, McGraw-Hill Ryerson

#### **CALENDAR 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.

#### **CREDIT/CONTACT HOURS: 5(4-0-2) 90 Hours**

These numbers indicate the course is a five credit course. There are 4 hours of classroom instruction and 2 hours in the lab per week for a total of 90 hours for the term.

**Start Date:** January 5, 2011 **End Date:** April 12, 2011 (The final exam is scheduled after this date)

**Lecture:** MTWR 1:30 – 2:20

**Lab:** Friday 12:30 – 2:20

**DELIVERY MODE(S):** Lecture, Computer Aided Instruction (Moodle), and Labs.

**OBJECTIVES:**

Detailed course objectives are found in the course syllabus that will be provided to you.

The course is divided into 4 units:

- Unit 1: Circulatory and Respiratory Systems
- Unit 2: Digestive and Excretory Systems
- Unit 3: Ecology
- Unit 4: Photosynthesis and Cellular Respiration

**TRANSFERABILITY:**

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

**GRADING CRITERIA:**

Tests .....	40%
Labs and Assignments...	20%
Midterm .....	20%
Final .....	20%

**Tests:** A unit test will be given at the end of each unit. Each test is worth 10%.

**EXAMINATIONS:**

A **midterm exam** will be written at the end of Unit 2. A **final exam** will be scheduled during the final exam time.

Electronic devices, other than simple calculators, are not allowed into tests or exams.

The following chart will be used to convert your % score to an Alpha grade.

<b>GRANDE PRAIRIE REGIONAL COLLEGE</b>			
<b>GRADING CONVERSION CHART</b>			
<b>Alpha Grade</b>	<b>4-point Equivalent</b>	<b>Percentage Guidelines</b>	<b>Designation</b>
<b>A<sup>+</sup></b>	<b>4.0</b>	<b>90 – 100</b>	<b>EXCELLENT</b>
<b>A</b>	<b>4.0</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>77 – 79</b>	
<b>B</b>	<b>3.0</b>	<b>73 – 76</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>2.0</b>	<b>63 – 66</b>	
<b>C<sup>-</sup></b>	<b>1.7</b>	<b>60 – 62</b>	
<b>D<sup>+</sup></b>	<b>1.3</b>	<b>55 – 59</b>	<b>MINIMAL PASS</b>
<b>D</b>	<b>1.0</b>	<b>50 – 54</b>	
<b>F</b>	<b>0.0</b>	<b>0 – 49</b>	<b>FAIL</b>
<b>WF</b>	<b>0.0</b>	<b>0</b>	<b>FAIL, withdrawal after the deadline</b>

## **STUDENT RESPONSIBILITIES:**

Please see pages 47 – 50 in the College calendar.

If you are absent from a test or exam, you **MUST let me know (by email or voice message) the day of the missed test that you will not be writing the test.** Also you might be asked to 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** test or exam.

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. The lab is certified as a biohazard zone and the regulations that apply will be given to you during your first lab. 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.

### **Attendance:**

If you miss 5 classes, you will receive an email from me concerning your attendance. If you miss 10 or more classes (including labs) you may be debarred from the final exam.

### **Lateness:**

Lateness will not be tolerated.

### **Cell Phone or other Electronic Equipment Use**

Sending or receiving electronic messages during class or lab time will not be tolerated.

### **Labs and assignments**

These are due on the day announced in class or posted on Moodle. If you submit your assignment or lab late you will be docked 10% per day late. A late assignment or lab will not be accepted once the assignment or lab has been returned to the students,

### **Tests and Exams**

Please do not use any electronic communication devices during classes, labs, or tests.

## **STATEMENT ON PLAGIARISM AND CHEATING:**

Please refer to pages 49-50 of the College calendar regarding plagiarism, cheating and the resultant penalties. These are serious issues and will be dealt with severely.

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 that are your own work. Electronic devices, other than simple calculators, are not allowed into tests or exams.

## **COURSE SCHEDULE/TENTATIVE TIMELINE:**

Dates are approximate.

Introduction:	2 days
Unit 1:	15 days
Unit 2:	14 days
Unit 3:	18 days
Unit 4:	10 days