DEPARTMENT OF ACADEMIC UPGRADING

COURSE OUTLINE – FALL 2010

BI0130A2 5 (5-0-1.5) HS 95 Hours

Biology Grade 12 Equivalent

INSTRUCTOR: Nancy Campbell **PHONE:** 780-539-2088
OFFICE: C302 **E-MAIL:** ncampbell@gprc.ab.ca

OFFICE HOURS: Drop-ins are welcome or please email me for an appointment time that is suitable for both of us.

PREREQUISITE(S)/COREQUISITE: BI0120 or Science 30, EN0120 (or EN0130 placement), and MA0110 (or MA0120 placement)

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

CALENDAR DESCRIPTION: The concepts in this course include nervous and endocrine systems; cell division; genetics and molecular biology; populations and community dynamics.

CREDIT/CONTACT HOURS: 5(5-0-1.5) 95 Hours

These numbers indicate the course is a five credit course. There are 5 hours of classroom instruction and 1.5 hours in the lab per week (averaged over the term) for a total of 95 hours for the term.

Start Date: September 2, 2010 **End Date:** December 7, 2010
Lecture: Monday and Wednesday 8:30 – 9:50; Tuesday and Friday 8:30 – 9:20
Lab: Thursday 8:00 – 9:50 **or** 10:00-11:50

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

TRANSFERABILITY:

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

GRADING CRITERIA:

Tests 40%
Quizzes……. 5%
Assignments……. 5%
Labs …….. 10%
Midterm ..... 15 %
Final 25%

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.

GRANDE PRAIRIE REGIONAL COLLEGE			
GRADING CONVERSION CHART			
Alpha Grade	**4-point Equivalent**	**Percentage Guidelines**	**Designation**
A^{+}	**4.0**	**90 – 100**	**EXCELLENT**
A	**4.0**	**85 – 89**	
A^{-}	**3.7**	**80 – 84**	**FIRST CLASS STANDING**
B^{+}	**3.3**	**77 – 79**	
B	**3.0**	**73 – 76**	**GOOD**
B^{-}	**2.7**	**70 – 72**	
C^{+}	**2.3**	**67 – 69**	**SATISFACTORY**
C	**2.0**	**63 – 66**	
C^{-}	**1.7**	**60 – 62**	
D^{+}	**1.3**	**55 – 59**	**MINIMAL PASS**
D	**1.0**	**50 – 54**	
F	**0.0**	**0 – 49**	**FAIL**
WF	**0.0**	**0**	**FAIL, withdrawal after the deadline**

STUDENT RESPONSIBILITIES:

Please see pages 47 – 50 in the College calendar.

If you are absent from a test or 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** 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. 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.

You are expected to be on time for class. Late comers are disruptive to both the instructor and fellow students.

Labs and assignments 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,

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: 1 week
Unit 1: 4 weeks
Unit 2: 2 weeks
Unit 3: 4 weeks
Unit 4: 2 weeks