

GRANDE PRAIRIE REGIONAL COLLEGE
DEPARTMENT OF SCIENCE & TECHNOLOGY

COURSE OUTLINE

BIOLOGY 1080 Organisms In Their Environment

Instructors:

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Transferability:

University of Alberta - Biology 108
University of Calgary - Jr. Biology
University of Lethbridge - Biology 1020

Course Description:

Biology 1080 is an introduction to how the diverse organisms on this planet have been affected by their environment and how the current environment is the product of the activities of organisms. This course also examines how evolution has operated over long time periods to produce major groups of organisms and how evolutionary origins are reflected in their classification. The principles that underlie our understanding of the major lineages will be discussed using examples from monera, fungi, protists, animals, and plants. A description of the involvement of organisms in major ecosystem processes leads to an evaluation of the stability of those systems and of human impact on the processes.

Requirements:

- Since presence at lectures and laboratories, participation in classroom discussion and projects, and the completion of assignments are important components of this course, students will serve their interests best by regular attendance. Those who choose not to attend must assume whatever risks are involved. In this connection, the attention of the students is directed to the *Academic Guidelines of Grande Prairie Regional College*.
- Mid-term exams
- Final lecture exam scheduled by the Registrar's Office during term exam week
- Final lab exam
- Occasional lecture and/or lab quizzes and reports

Evaluation:	Midterm Exams:	30%
	Lab Reports/Quizzes	15%
	Final Lab Exam:	15%
	Final Lecture Exam:	40%

Resources: Campbell, N.A., J.B. Reece, and L.G. Mitchell. 1999, *BIOLOGY*, 5th ed., Benjamin/ Cummings Publishing Co. [required textbook]

[Note: the 3rd or 4th editions are also acceptable]

Taylor, M.R., 1999, *Student Study Guide for Campbell's BIOLOGY*, 5th ed., Benjamin/Cummings Publ. [optional]

Biology 1080 Laboratory Manual: 1999-2000, Biology Instructional Group, GPRC, and the Dept. of Biological Sciences, University of Alberta [required]

World Wide Web Biology 108 Home Page Address:
<http://biology.ualberta.ca/courses.hp/bio108.hp/bio108hp.html>

Note: *The textbook & study guide recommended for this course are also used in BI 1070.*

GRANDE PRAIRIE REGIONAL COLLEGE
WINTER SEMESTER - 2000
BIOLOGY 1080 TENTATIVE TOPIC/EXAM SCHEDULE

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
J2	J3 NO CLASSES	J4	J5 INTRO NO LAB	J6 NO LAB	J7	J8
J9	J10 INTRO NO LAB	J11 NO LAB	J12 TAXONOMY	J13 NO LAB	J14	J15
J16	J17 PHYLOGENY LAB 1	J18 LAB 1	J19 MONERA	J20 LAB 1	J21	J22
J23	J24 MONERA LAB 2	J25 LAB 2	J26 PROTISTA	J27 LAB 2	J28	J29
J30	J31 PROTISTA LAB 3	F1 LAB 3	F2 MIDTERM I	F3 LAB 3	F4	F5
F6	F7 PLANTS LAB 4	F8 LAB 4	F9 PLANTS	F10 LAB 4	F11	F12
F13	F14 PLANTS LAB 5	F15 LAB 5	F16 PLANTS	F17 LAB 5	F18	F19
F20	F21 NO CLASSES	F22 NO CLASSES	F23 NO CLASSES	F24 NO CLASSES	F25 NO CLASSES	F26
F27	F28 VIDEO LAB 6	F29 LAB 6	M1 MIDTERM II	M2 LAB 6	M3	M4
M5	M6 FUNGI LAB 7	M7 LAB 7	M8 FUNGI	M9 LAB 7	M10	M11
M12	M13 FUNGI LAB 8	M14 LAB 8	M15 ANIMALS	M16 LAB 8	M17	M18
M19	M20 ANIMALS LAB 9	M21 LAB 9	M22 ANIMALS	M23 LAB 9	M24	M25
M26	M27 ANIMALS LAB 10	M28 LAB 10	M29 MIDTERM III	M30 LAB 10	M31	A1
A2	A3 ANIMALS LAB EXAM	A4 LAB EXAM	A5 ANIMALS	A6 LAB EXAM	A7	A8
A9	A10 ANIMALS	A11	A12 REVIEW	A13 NO CLASSES	A14 EXAMS BEGIN	A15