

BIOLOGY 1080 - COURSE SYNOPSIS

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REQUIREMENTS:

A. 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 the College.

B. MidTerm Exam

C. One final Lecture Exam (Scheduled by the Registrar's Office during Term Exam Week)

D. Final Lab Exam

E. Occasional Lecture and Lab Quizzes and Reports

EVALUATION:

A. Lecture/Lab Quizzes - 10%

B. MidTerm Exam - 30%

C. Final Lab Exam - 20%

D. Final Lecture Exam - 30%

E. Lab Reports - 10%

RESOURCES:

(NOTE: The textbook and study guide recommended for this course are also used in Biology 1070)

Campbell, N. A. 1996. Biology. (4th ed.). Benjamin/Cummings Publishing.

Taylor, M. R. 1996. Student Study Guide for Campbell's Biology. (4th ed.). Benjamin/Cummings Publishing.

(Note) Campbell's 3rd ed. may also be used.

Biology 1080 Laboratory Manual: 1995 - 1996. Department of Science and Technology, Biology Instructional Group, Grande Prairie Regional College, and Department of Biological Sciences, University of Alberta.

World Wide Web Biology 108 Home Page Address:
<http://gause.biology.ualberta.ca/biol08.hp/biol08hp.html>

BIOLOGY 1080
FALL 1996
LECTURE SCHEDULE .

<u>Week Of</u>	<u>Topics</u>	<u>Text^A</u>
Sept. 2	Introduction to BI 1080	
Sept. 9	Phylogeny and Biological Classification	Ch. 1, 3, 23
Sept. 16	Prokaryotes; Origin of Eukaryotes; Alternation of Generations; Protists	Ch. 24, 25, 26 pp. 548, 228-9, 727-9 [pp. 560, 478, 249]
Sept. 23	Protists; Major Trends in Plant Evolution; Fungi	Ch. 26, 28
Sept. 30	Photosynthesis; Bryophytes	Ch. 10, 27
Oct. 7	Plant Tissue Systems; Seedless Vascular Plants	Ch. 31, 27
Oct. 14	Gymnosperms; Angiosperms	Ch. 27; pp. 671, 727-742 [pp. 677, 734-740]
Oct. 21	<i>MIDTERM EXAM - LECTURE SECTION A</i>	
Oct. 22	<i>MIDTERM EXAM - LECTURE SECTION B</i> Animal Protists; Metazoans	Ch. 26
Oct. 28	Animal Development; Structure and Function; Invertebrates	Ch. 43, 36, 29
Nov. 4	Invertebrates	Ch. 29
Nov. 11	Vertebrates	Ch. 30
Nov. 18	Ecology Introduction	Ch. 46
Nov. 25	Populations; Communities	Ch. 47, 48
Dec. 2	Ecosystems; Review	Ch. 49
Dec. 9	Final Exam Scheduled by Registrar's Office	

[*Note: pp. in square brackets refer to Campbell 3rd ed.]