

SCHEDULE OF LAB TOPICS – Fall 2008
BIOL 1740: Principles of Biology II Laboratory

<u>WEEK OF</u>	<u>TOPIC</u>
AUG 25	Orientation & Safety Microscopy Challenge - handout Introduction to Taxonomy – handout
SEP 1	Ex. 36 – Animal Kingdom: Phyla Porifera and Cnidaria
SEP 8	Ex. 37 – Animal Kingdom: Phyla Platyhelminthes & Nematoda
SEP 15	Ex. 38 – Animal Kingdom: Phyla Mollusca and Annelida
SEP 22	Ex. 39 – Animal Kingdom: Phylum Arthropoda
SEP 29	Ex. 40 – Animal Kingdom: Phyla Echinodermata & Chordata
OCT 6	<u>PRACTICAL EXAM #1</u>
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OCT 13	Appendix I – Fetal Pig Dissection
OCT 20	Appendix I – Fetal Pig Dissection, continued
OCT 27	Ex. 28 – Plant Kingdom: Divisions Hepaticophyta, Bryophyta Ex. 29 – Plant Kingdom: Ferns & Their Allies
	LAST DAY TO DROP – TUESDAY, 10/28/08
NOV 3	Ex. 30 – Plant Kingdom: Gymnosperms
NOV 10	Ex. 31 – Plant Kingdom: Angiosperms
NOV 17	Ex. 32 – Plant Anatomy
NOV 24	NO LABS; <u>Thanksgiving Holiday</u>
DEC 1	<u>PRACTICAL EXAM #2</u>
DEC 8	NO LABS; LECTURE FINALS

Note: Students are responsible for knowing all testing dates as well as the material to be tested. Students are furthermore responsible for coming to lab prepared to perform that week's activity.

BIOLOGY 1740 – Principles of Biology II Syllabus - Fall 2008

Lab Manual & Supplies

Biology Laboratory Manual, 8th edition (customized), Vodopich and Moore (ISBN-13: 978-0-07-721722-8) Please bring lab manual to each laboratory session.

Course Description and Objective

Biol 1740, Principles of Biology II, is the second course in a two-course freshman sequence. Biol 1740 is required for biology majors. *This course may be used to satisfy a portion of the Natural Sciences requirement of the University Core Curriculum.* The objective of this course is to provide students with an introduction to taxonomy, the major animal phyla, limited mammalian anatomy and physiology, and an introduction to the major plant phyla. Prerequisite: Biol 1710/1730 or 1711/1733 and credit for or concurrent enrollment in BIOL 1720 or 1722.

Expectations & Policies

Attendance

- Attendance in lab is mandatory. In the event of an absence, the student is responsible for contacting the lab instructor as soon as possible to obtain important information. Note: Students are responsible for obtaining notes from a classmate as the lab instructor will not provide copies of his/her notes.
- Students are expected to attend the lab section in which they are enrolled. All schedule changes must be made during the schedule revision period.
- There are no make-up labs.
- Because a successful laboratory experience is dependent upon regular attendance, the instructor reserves the right to drop any student from the course with the grade of WF who has incurred greater than two (2) absences during the semester.

Classroom Policies and Conduct

The laboratory environment is structured so that the lab instructor will provide background information necessary for experimental protocol, as well as safety information and other instructions. Students will then interact in groups to perform procedures, discuss and review results. Finally, students are responsible for maintaining the workstations. To help ensure a positive lab experience for all class members, students are expected to:

- Display respect for the instructor and fellow classmates by behaving in accordance with the Student Code of Conduct as outlined in the University of North Texas Bulletin in words, actions and deeds.
- Arrive to class on time. Arriving late to class will result in a loss of points.
- Spend the entire period in class. Leaving class early will result in a loss of points.
- Limit personal conversations to times other than class time.
- Turn off cell phones and all other electronic devices before class. (The exceptions to this rule are electronic devices deemed necessary by the Office of Disability Accommodations. Please provide appropriate paperwork if such devices are required.)
- Do original work on all graded items, including, but not limited to, assignments, quizzes, exams and other activities, unless otherwise indicated.

- Fully participate in all dissections, lab activities and assist lab partners.
- Value differences of opinion.

Lab Rules – See “Safety Rules” for additional lab policies

No food or drink is allowed in the lab. NO EXCEPTIONS!

Students may not leave lab until workstations are clean.

Students are expected to check out with the lab instructor before exiting the lab. Failure to do so could result in a loss of points.

Policy on Academic Misconduct

No cheating will be tolerated. Anyone cheating (all forms) or exhibiting behaviors consistent with cheating, including, but not limited to, assisting other students with cheating: talking during a testing event, sitting too closely to other students, leaving an answer sheet uncovered, taking credit for others’ work (fellow classmate, author, etc.), handing in another’s work, etc., will receive as a minimum punishment a grade of zero for the graded item. More severe punishment will be taken depending upon the circumstances. ***Any and all incidents of academic dishonesty will be reported to the appropriate authorities.***

Policy on Disability Accommodations

The Department of Biological Sciences, in cooperation with the Office of Disability Accommodation, complies with Section 504 the Americans with Disabilities Act in making reasonable accommodations for qualified students with disabilities. Please present your written request to your lab instructor before or on the 12th class day so that the necessary arrangements may be made.

Assessment & Grading

Grades will be assessed as outlined on the “Assessment & Grading Guidelines” document.

NOTE: The lab instructor reserves the right to deduct points at his or her discretion for noncompliance of university, departmental, or classroom policies.

Dissections are a required element of the course.

Release of Grades: The Family Educational Rights and Privacy Act (FERPA) (1974), does not permit faculty or staff to report grades by phone or email.

ASSESSMENT & GRADING: FALL 2008
BIOLOGY 1740 – Principles of Biology II

ASSESSMENT

- Pre-Labs
A pre-lab assignment, worth up to five (5) points, is due at the **beginning** of each lab period. Late pre-lab assignments will not be accepted. The lowest pre-test grade will be dropped at the end of the semester. Therefore, pre-labs may not be made-up. Note: Arriving late or leaving before the lab period is over will result in a grade of “ZERO” for that day’s pre-lab.
- Quizzes
A five point quiz will be administered during the last ten minutes of lab and will cover material from that day’s lab (80%), as well as material from the previous week (20%). The lowest quiz grade will be dropped at the end of the semester. Therefore, quizzes may not be made-up. Note: Arriving late to lab or leaving before the lab period is over will result in a grade of “ZERO” for that day’s quiz.
- Activities
Activities worth up to five (5) points are to be completed each week. At the lab instructor’s discretion, the activity may be checked during the lab period or submitted for grading. The lowest two activity grades will be dropped at the end of the semester for a total of ten graded activities. Late activities will not be accepted. Students must be present to complete activities. Activities may include, but are not limited to, lab summary questions, original student drawings and notes, reading assignments, presentations, etc.
- Writing Assignments
Two writing assignments worth up to 10 points each will be assigned during the semester. Late writing assignments will not be accepted. No writing assignment grades will be dropped.
- Practical Exams
Two practical exams will be administered during the semester. Exams questions will include, but are not limited to, short answer, labeling / diagramming, identification, and fill-in-the-blank. Exams may not be made up.* Exam grades may NOT be dropped or replaced.
- All elements of the course must be completed in order to pass the course.
- **Dissections** are a required element of the course.
- **NOTE:** The lab instructor may deduct points at his or her discretion for failure to comply with any of the policies (explicit or implied) included on the syllabus or the University of North Texas Bulletin.

GRADING

Pre-Labs @ 5 pts each	=	50
Quizzes @ 5 pts each	=	55
Activities @ 5 pts each	=	50
Writing assignments, 2 @ 10 pts	=	20
Practical Exams, 2 @ 100 pts each	=	200
Total Points Possible	=	375

GRADE ASSIGNMENTS

90-100%	=	A
80-89%	=	B
70-79%	=	C
60-69%	=	D
Below 60%	=	F

Release of Grades: The Family Educational Rights and Privacy Act (FERPA) (1974), does not permit faculty or staff to report grades by phone or email.

*Students who have missed or will miss an exam for one of the following reasons should contact the 1740 lab supervisor immediately:

- Participation in sponsored University activity (requires prior notice + presentation of authorized absence card from the Dean of Students Office);
- Observance of a religious holiday (must notify instructor in writing within the first 15 days of the semester); or
- Qualified medical excuse (documentation required; instructor must be contacted within three days of absence).

Lab Supervisor: Kimberly Piccolo, BB109, 940-565-4472, Kim.Piccolo@unt.edu