

GRAYS HARBOR COLLEGE  
SYLLABUS  
BIOLOGY 118 - HUMAN BIOLOGY  
5 CREDITS  
2011

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- I. COURSE DESCRIPTION: PREREQUISITES: ENGL 095 or placement in ENGL 101; READ 090 or placement in college level reading; MATH 070 or higher.

This one-quarter course is a survey of human anatomy and physiology. The student will learn how the body is put together and how it functions in health as well as disease. Students will also identify life style changes that can enhance personal health. For non-majors and allied health students. Some students take this survey course to prepare for BIOL&241 and BIOL&242. 4 lecture hours; 3 lab hours. Satisfies science or lab requirement area A distribution or specified elective for the AA degree.

- II. COURSE OBJECTIVES/OUTCOMES

The major objectives and outcomes of this course are as follows:

A. The student will learn and use basic terminology associated with human anatomy and physiology. (*disciplinary learning, literacy*)

B. The students will comprehend broad ideas about how the body is structured and how various parts of the body function in health as well as disease. (*disciplinary learning*)

C. The student will identify course content applicable to personal health and wellbeing. (*social and personal responsibility*)

D. The student will recognize examples of fraudulent misrepresentation of the body or body function designed to mislead consumers into unwise purchases. (*critical thinking*)

E. The student will use lab models and posters to enhance understanding of the structure and function of the human body. (*using resources*)

This course contributes to the Desired Student Abilities of Grays Harbor College as follows:

- Disciplinary learning (4)
- Critical thinking (2)
- Using resources (2)
- Scientific literacy (3)
- Social and personal responsibility (1)

- III. TEXTBOOK/MATERIALS:

**Text:** *Essentials of Anatomy and Physiology* by Scanlon and Sanders, 6th Ed., 2011, F.A.Davis.

Please bring a clear plastic report cover to the first lab. This will become your "Passport to Health" which you will complete during labs

- IV. COURSE CONTENT AND ORGANIZATION: Students will work sequentially through chapters 4 to 21 (not including chapters 17 and 19.) An assignment calendar will provide specifics as to the progress of the course and test dates.

Course objectives are provided for each chapter. These can be downloaded from the instructor's WEB site.

- V. **METHOD OF INSTRUCTION:** Methods of instruction will include lecture, videos, class discussions, lab exercises and a student research project.
- VI. **EVALUATION/ASSESSMENT METHODS:** There will be weekly clicker quizzes and five tests evenly spaced over the quarter. Points are also earned through lab attendance and several lab tests. There is no comprehensive final.

Clicker Quizzes: CQs are given with and/or without warning. CQs are scored as follows: the student who is present but answers the question wrong receives one point (breaks even); the student who is present and answers correctly receives two points (this includes a bonus point); the student who is absent and doesn't take the quiz receives no point (and so loses a point from total calculations.) CQs missed due to absences can not be made up.

The approximate weight (subject to change at the instructor's discretion) given to the graded activities is as follows:

5 lecture tests = ~ 75% of the total grade  
Lab attendance, quizzes = ~ 20%  
Clicker quizzes = ~ 5%

The grading scale is as follows:

A (94%-100%),	A- (90%-93%)	
B+ (87%-89%),	B (84%-86%),	B- (80%-83%)
C+ (77%-79%),	C (74%-76%),	C- (70%-73%)
D+ (64%-69%),	D (60%-64%)	F (0-59%)

**Attendance:** It is essential that students attend all classes as scheduled and are prepared to participate in class activities. I do not lecture from a set of lecture notes; rather, the "lecture" derives from student needs as voiced by students at the beginning of each class. Tests are built around material presented during these sessions, labs, videos, study sheets and work sheets.

**Inclement Weather:** You must make your own decisions; call me as soon as possible. Also, check my website or phone message for information about class schedules.

**Telephones:** The disruption of a ringing telephone will not be tolerated. Either turn them off or don't come to class!

**Text Messaging:** Text messaging diverts student attention from class activities and is distracting to other students. Text messaging is not allowed during class.

**Videotaping/Podcasting classes or labs** is not permitted. You may use tape recorders or the special pens that record audio while taking notes.

**Tardiness:** I'd rather have students late than not in class, but be considerate. WE don't want to hear the rustle of polyester coats or the unzipping of backpacks. Enter quietly and prepared, and take a back seat. Do not walk between the rest of the class and me. Similar courtesy is requested if you have to leave early.

**Code words:** Each student will be assigned a "code word." I will use these codes when posting grades outside my office.

**DISABILITY SUPPORT SERVICE:** Any individual who has a documented disability, which might interfere with his or her ability to fully participate in class, may be eligible for accommodations. Feel free to contact me

after class or contact the Disability Support Service program located in Student Services, Room 119. Any information regarding disability will be kept confidential.