WALTERS STATE COMMUNITY COLLEGE

COURSE SYLLABUS

Course: BIOL 2010 – Human Anatomy and Physiology I
Semester: Spring 2012
Instructor(s):
- Dr. Lisa Eccles, Office NSCI 120, Phone 423-318-2768
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- Dr. Margaret Frazier, Office NSCI 114A, Phone 423-318-2775
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- Dr. Emily Gampper, Office NSCI 114A, Phone 423-318-2775
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Course Supervisor: Dr. Jeff T. Horner, Dean of Natural Science, Office 126 NSCI,
Contact: Phone: 423-585-6954, E-Mail: Jeff.Horner@ws.edu
Office Hours: Instructors’ office hours are posted on their office doors
FAX: 423-318-2762
Secretary: 423-585-6865 (Sherry Woody)

Required Textbook:
Human Anatomy & Physiology by Elaine N. Marieb, 8th Edition, Benjamin-Cummings

Lecture Supplement:
Mastering A&P (required)

Catalog Description:
A study of the structure and function of the human body. The topics studied include a general
introduction to anatomy and physiology, cells, tissues, basic chemistry, mitosis, meiosis, genetics,
osmosis, diffusion, the anatomy and physiology of the skeletal system, the integumentary system, the
muscular system, introduction to the nervous system, the CNS.
Learning Outcomes:
1. The student will learn basic chemical concepts and apply them to a better understanding of physiological phenomena.
2. The student will be able to describe the growth, development, anatomy and physiology of the skeletal system.
3. The student will be able to explain the anatomical structures and physiological actions of the human muscular system.
4. The student will be able to explain the anatomy and physiology of the nervous system.
5. The student will be able to demonstrate and understand cell structure and function.

Instructional Methods:
1. Lectures
2. Classroom discussion
3. Video tape, CD-ROM and computer simulations

Lecture Topic | Chapter
---|---
The Human Body: An Orientation | 1
Chemistry Comes Alive | 2
Metabolism | 24
Cells: The Living Units | 3
Bones and Skeletal Tissue | 6
Muscles and Muscle Tissue | 9
Fundamentals of the Nervous System | 11
The Central Nervous System | 12
The Peripheral Nervous System | 13
The Autonomic Nervous System | 14

Grading Scale and Evaluation:

<table>
<thead>
<tr>
<th>Component</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mastering A&amp;P Assignments</td>
<td>20% (10% homework; 10% quizzes)</td>
</tr>
<tr>
<td>5 Lecture Tests</td>
<td>60% (each counts 12%)</td>
</tr>
<tr>
<td>1 Comprehensive Final</td>
<td>20%</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>100%</strong></td>
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</tbody>
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FINAL GRADE =
- 90% and above = A
- 80-89% = B
- 70-79% = C
- 60-69% = D
- Less than 60% = F
**Exam Policy:**

1. **ALL** exams are to be taken at times scheduled by the instructor.
2. **ALL** exams scheduled in the course by the instructor must be taken or the student will fail the course. Any exceptions must be approved by the Academic Dean and the Vice President of Academic Affairs.
3. Make-up exams will be given for excused absences only (excused absences include illness, death in family, and military or jury duty). Makeup exams may be different from exams taken at scheduled times.
4. Make-up exams must be taken before the next scheduled exam.

**Course Ground Rules:**

Students should attend the first day of class or contact the instructor prior to the first class. Failure to do this may result in being dropped from the class.

Plagiarism, cheating, and other forms of academic dishonesty are prohibited.

Students with disabilities must register with Student Support Services in the Student Services Building, Room U134 (phone 423-585-6892) if they need any special facilities, services, or consideration.

Students in need of tutoring assistance are encouraged to contact the Office of Student Tutoring located in the Student Services Building, Room L107 at phone number 423-585-6920 or 423-798-7982 for the Greeneville Campus, 865-908-5494 for the Sevierville Campus, 423-851-4762 for the Claiborne Campus.

Students receiving any type of financial aid or scholarship should contact the Financial Aid Office before making any changes to their schedule. Schedule changes without prior approval may result in loss of award for the current term and future terms.

Students who have not paid fees on time and/or are not correctly registered for this class and whose names do not appear on official class rolls generated by the Admissions and Records Office will not be allowed to remain in class or receive credit for this course.

Cellular phone use during classroom interaction is prohibited. Cellular phones must be turned to the non-audible mode until after class, at which time calls can be received or checked. (See the Walters State Catalog/Handbook)

For information related to the cancellation of classes due to inclement weather, please check the college’s Web site at [www.ws.edu](http://www.ws.edu) or call the college’s student information line, 1-800-225-4770, option 1; InfoConnect, (423) 581-1233, option 1045; the Sevier County Campus, (865) 774-5800, option 7; or the Greeneville/Greene County Center for Higher Education, (423) 798-7940, option 4. Also, please monitor local TV and radio stations for weather-related announcements. For additional information on this policy see the college catalog.

In the event of a pandemic or other college declared critical event that impacts the college’s ability to proceed with academic course activities as planned, the college reserves the right to alter this course plan. In the event of a pandemic or other event, please refer to the college’s home web page, [www.ws.edu](http://www.ws.edu) or call InfoConnect, (423) 581-1233 for further information.
Regular class attendance is a student’s obligation. (See the Walters State Catalog/Student Handbook) If for some reason a student misses class, it is his or her responsibility to see the instructor regarding missed assignments and/or activities and to be prepared for the next class. Excessive absences may substantially lower the semester grade. The college requires the instructor to keep accurate records and to report when students are not attending class.

Students are required to supply a #2 pencil for each lecture exam. The wearing of hats and caps in class is not allowed! Students will be asked to remove their hats and caps.

**STAY AWAKE IN CLASS.** Your mere presence in class is not sufficient—you must be able to actively process the information presented! Sleeping in class is disruptive in two ways: the student who is snoozing is not interested and not participating in the classroom discussion; secondly, sleeping in class is considered to be disrespectful to the teacher and other students. The penalty for sleeping in class may range from the student being requested to leave the class with a following conference with the instructor, to notification of the Vice-President of Academic Affairs (in the cases of habitual sleepers). If you have a medical condition that prevents you from staying awake in class, please discuss this with the instructor.

**WSCC Catalog Notification Statement:**
All students attending Walters State Community College, regardless of the time and location of the class, must abide by the rules and regulations outlined in the current Walters State Catalog/Student Handbook and the current “Walters State Timetable of Classes.” A copy of the Catalog/Handbook and the “Timetable of Classes” may be obtained from the Admissions Office on the Main campus or at any of our off-campus sites. You may also access the Catalog/Handbook on-line at the following web address: [http://www.ws.edu/catalog](http://www.ws.edu/catalog).

**Alternative Teaching Plan**
In the event of a pandemic or other college declared critical event, the lead faculty member for this course will use eLearn to communicate with the students. If the lead faculty member is affected by this event, another member from the teaching team will assume instruction for the course. The course will continue utilizing an online format of instruction and testing.

General Education Core Competency (CC) courses – ENGL 1010, SPCH 2010, MATH 1530 or 1630 or 1710, and CPSC 1100 or MGMT 1100 – must be completed by the time the student completes 30 hours of college credit towards a degree at Walters State Community College. Completion of the courses with a passing grade is the primary form of documentation of competency. Alternate methods of documentation are described in the College Catalog (“General Education Competency Requirements”).

**ATTENTION:** The Natural Science faculty members are concerned with proper academic advising of students in **ALL** Pre-Professional programs. It is our explicit desire to help you with any advising problems you may encounter.