# Syllabus for Human Anatomy and Physiology 1

**BIOL 2010 – Fall 2014**  
**Mr. Rob Martin**

## Course Information

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<th>Course Description:</th>
<th>Gross anatomical structure and physiology of the human body pertaining to cells, tissues, organs and the integumentary, skeletal, articular, muscular, nervous systems. 3 hours lecture, 2 hours laboratory per week.</th>
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| Learning Outcomes:  | Upon successful completion of the course, the student will be able to:  
  - test a scientific hypothesis; conduct an experiment, collect and analyze data, and interpret results in a laboratory setting  
  - use basic anatomical language and describe processes taking place in the human body  
  - identify unifying biological principles and repeatable patterns applying to the human body  
  - analyze and discuss the impacts of medical research |
| Prerequisites and Co requisites: | ENGL 0810, Math competencies 1-5, READ 0810 |
| Course Topics: | Anatomical Terminology, General Systems, Physiological Chemistry and Metabolism, Cells, Tissues, Integumentary system, Skeletal System, Joints, Muscular System, Nervous system I, Nervous System II |
| Specific Course Requirements: | Upon completion of this course the student should be able to locate anatomical structures on human models and bones, pronounce the anatomical language, and understand the physiological systems of the human body. The student should be able to:  
  1. Demonstrate an understanding of the body as a functioning unit through the appropriate demonstration and use of terminology, hierarchical organization, and organ systems.  
  2. Demonstrate a working knowledge of cell metabolism and histology as it pertains to the human body.  
  3. Demonstrate a working knowledge of the musculoskeletal system by being able to name all 206 bones and their processes, the skeleton articulations, at least 50 superficial muscles, and describe the physiological processes sustaining the homeostasis of each.  
  4. Demonstrate a working knowledge of the integration and coordination of the human body. A thorough understanding of the nervous system will be demonstrated by defining the major divisions within the nervous system, naming the location and function of the regions of the brain, identifying the cranial nerves, describing the sending of a neuron impulse, and identifying the special senses. |

## Textbooks, Supplementary Materials, Hardware and Software Requirements

### Software Requirements:
PowerPoint, Quick Time Viewer, Word

### Instructor Information

<table>
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<tr>
<th>Instructor Name:</th>
<th>Mr. Rob Martin</th>
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| Instructor Contact Information: | Dyersburg State Community College  
1510 Lake Road  
Dyersburg, TN 38024  
Dyersburg Office: Glover Building - Room 244  
Email: rmartin@dssc.edu  
(communication with me by DSCC email (NOT thru D2L) is best)  
Phone: 731-286-3384 |

| Office Hours: | Monday: 10-11 am  
Tuesday: 8-9:30 am  
Wednesday: 10 am – 1 pm  
Thursday: 8-9:30 am  
Friday: 10 am – 1 pm |

### Assessment and Grading

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<th>Testing Procedures:</th>
<th>5 Lecture Exams will be given consisting of approximately 2-3 chapters each. In addition, 1 Comprehensive Lecture Final, and 2 Lab Practical Exams will be given. (always bring pencil and scantron card on test days except for lab tests)</th>
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| Grading:            | Approx 7 Lecture Exams (100 points each) 700 points  
1 Final Comprehensive Exam 100 points  
Mid Term Lab Practical 100 points  
Final Lab Practical Exam 100 points  
Lab Assignments and/or Quizzes approx 50 points  
Approximate Total 1050 points |

### Lab Policies:
Attendance is expected at all laboratory sessions. Unexcused lab absences result in lab grade reduction. Laboratory exercises will consist of lab manual exercises, observation of slides and specimens, assigned lab activities, and lab quizzes and practical exams.

### Grading Scale:
The Biology Department Grades each course on the following scale:
90-100% = A  
80-89% = B  
70-79% = C  
60-69% = D  
0-59% = F

### Assignments and Participation

| Available Resources: | DSCC eLearn Website (D2L): The course syllabus, schedule, powerpoint slides, lab resources, and numerous other resources are provided by your instructor online as necessary components of this course. Grades and attendance will also be posted on D2L.  
Textbook Website: The textbook websites (www.mhhe.com/seeley10 ) OR (www.mhhe.com/mckinleyap ) also has numerous resources available for course study. |
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<td>Classroom Policies:</td>
<td>1. The classroom will be maintained as a LEARNING ENVIRONMENT. Practice respectful and courteous behavior to all persons. No sleeping during class and no ongoing conversations during class except during group exercises.</td>
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3. **ELECTRONIC DEVICES**: Cell phones will be turned off and put away while in the classroom or lab unless use is authorized for class related work. Exception: audio recording of lectures is permitted. Repeated unauthorized use of cell phone or other electronic devices during class or lab will result in dismissal from class or lab. No wearing of Bluetooth or headphones in the classroom or lab. Use of ANY electronic device during tests or quizzes is considered cheating and will result in a zero for the exercise and can result in removal from the course.

4. **CLASSROOM SECURITY**: DSCC policy states that classroom doors are to be locked during class times for security purposes. Once roll has been taken, the doors will be locked and will be reopened only at the instructor’s discretion. Do not exit and enter the room during class time without permission. If you have a reason why you must be excused, please inform your instructor as to your situation.

5. **ATTENDANCE & PUNCTUALITY**: Attendance and punctuality is expected at every class meeting unless excused. Roll will be taken each class meeting. Excessive unexcused absences can result in test score penalties and/or in students being administratively dropped from the class. Leaving class early unexcused constitutes an absence. DSCC Attendance Policy will be discussed. Quizzes missed due to absences cannot be made up. Tests missed due to absences are covered by the Policy for Makeup Tests (below).

6. Students absent are personally responsible for any missed lecture materials or required assignments.

7. Additional rules regarding classroom behavior will be provided by the instructor as needed.

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### Library:

**Library:** Dyersburg State Community College Learning Resource Center

### Policy for Makeup Tests:

1. In the case of a **first missed test**, the Comprehensive Final Exam will automatically count double to replace the grade you have missed.
2. In the case of a **second missed test**, a makeup test will consist of 5-6 written discussion questions.
3. If you do not miss any tests during the semester, the Comprehensive Final Exam can be counted twice and your lowest other test grade (NOT including lab grades) will be dropped. If you miss a test, you lose this option. **The Comprehensive Final Exam or Lab Practical Exams are not optional under any circumstances.**
4. **No makeup quizzes** will be given, however the lowest quiz grade will be dropped.
5. **No makeup Lab Practical Exams or Comprehensive Lecture Final Exams** will be given (except in the case of a very extenuating circumstance and with prior arrangements having been made with your instructor).

### Syllabus Changes:

From time to time during the semester it may be necessary to make changes to the material in the course syllabus. Any necessary changes to the course syllabus will be communicated in class.

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**AMERICANS WITH DISABILITIES ACT**

Dyersburg State Community College is committed to providing a discrimination free environment for students with disabilities. Students who are seeking accommodation because of a disability should notify the College's ADA Coordinator as soon as possible. Students are required to provide documentation of their disability and meet with the ADA Coordinator so that a plan for reasonable accommodation can be developed. Plans for accommodation by faculty and support staff should be made prior to the start of classes. See page 199 of the College Catalog for details or call 286-3242

**HARASSMENT - SEXUAL/ RACIAL**

Dyersburg State Community College is committed to providing an educational environment that is free from harassment on the basis of race or gender.
Sexual harassment may be defined as unwelcome sexual advances, requests for sexual favors, and other verbal or physical conduct of a sexual nature. Report complaints of sexual harassment to the office of Human Resources at 286-3316. The office of Human Resources will respond promptly to all complaints of sexual harassment.

Racial harassment is generally defined as any person's conduct that unreasonably interferes with an employee's or student's status or performance by creating an intimidating, hostile, or offensive working or educational environment. Examples: Offensive or demeaning treatment of an individual, threatening physical harm or abuse, insults directed at an individual because of race, color, or national origin. The office of Human Resources will also respond promptly to complaints of racial harassment.

Details of racial and sexual harassment polices may be found in TBR Guideline, p - 080 which is available in the offices of the Vice President for the College, Human Resources, the Dean of Student Services, and other administrative offices on campus and at the off-campus centers. Also see the College Catalog, p. 198.

FIREARMS AND OTHER DANGEROUS WEAPONS
Tennessee law prohibits the possession of firearms or other dangerous weapons on property owned, used, or operated by the Tennessee Board of Regents.

SAFETY AND SECURITY
Dyersburg State is committed to providing students and its employees a safe and secure environment. To assist the College in this effort, report any suspicious or unusual behavior to any faculty member, staff member or administrators at the Dyersburg Campus or at the Centers in Trenton and Covington. If you hear someone making threatening statements, go to any office on campus and report the incident. Please review the College's policy on student safety beginning on page 191 of the Catalog. Keep in mind that anyone who is not a student, employee or someone transacting official business with the College does not belong on campus. Remember too, promptly reporting a potentially dangerous situation increases our chances of keeping the College safe and secure. By the same token, failure to do so may jeopardize the safety of all of us. Please note building evacuation plans and Safety and Security Procedures posted in each classroom. In case of a fire alarm please evacuate the building as quickly as possible and move as far away from the building as possible.

ACADEMIC HONESTY:
Students are expected to do their own work and academic honesty will be treated according to Dyersburg State Community College Policy (see DSCC catalog). Active or passive cheating (includes looking on another student’s test paper, allowing another student to look on your paper, writing on desks, plagiarism, trading papers, taking pictures of exams, use of any type of electronics during tests, etc.) results in a zero for the test and possible dismissal from the course and/or the college. Zeros assigned for cheating will NOT be replaced by the Comprehensive Final Exam or any other test score.