### Course Information

**Course Description:** Four semester hours credit. Gross anatomical structure and physiology of the human body pertaining to Endocrine, Blood, Cardiovascular, Lymphatic, Respiratory, Digestive, Nutrition, Urinary, Fluid and electrolytes, and Reproductive systems. These systems will be studied in detail. Laboratory work will include microscope study of tissues, examination of preserved specimens, dissections, and familiarization of life-like models of the above systems and structures.

**Learning Outcomes:** Upon completion of this course the student should be able to locate anatomical structures on human models, pronounce the anatomical language, and understand the physiological systems of the human body. The following objectives summarize the primary outcomes of the four instructional units within this course.

1. Demonstrate an understanding of the control mechanisms of the human body including the functioning of the endocrine system for chemical integration of physiological processes.
2. Demonstrate a working knowledge of the blood, cardiovascular, and lymphatic system as it pertains to circulation and immunity. Students will be able to identify the organs and vessels along with their location.
3. Demonstrate a working knowledge of the respiratory and digestive systems by being able to name the significant structures of each system and describe physiological processes significant to respiration, digestion, nutrition, and metabolism.
4. Demonstrate a working knowledge of the urinary and reproductive systems by being able to name and locate the organs in both the male and female system. Students will also be expected to demonstrate an understanding of the physiological processes of reproduction.

**Prerequisites and Co requisites:** Human A&P 1 – Biology 2010

**Course Topics:** Endocrine System, Blood, Cardiovascular System, Lymphatic System, Respiratory System, Digestive System, Nutrition, Urinary System, Fluid and Electrolytes, Male and Female Reproductive Systems

**Specific Course Requirements:** Upon completion of this course the student should be able to locate anatomical structures on human models, pronounce the anatomical language, and understand the physiological systems of the human body. The student should be able to demonstrate an understanding of the body as a functioning unit through the appropriate demonstration and use of terminology, hierarchical organization, and organ systems. The student will demonstrate an understanding of the integration and coordination of the human body through the working of the 11 organ systems.
### Textbooks, Supplementary Materials, Hardware and Software Requirements

| Required Textbooks: | Textbook: *Hole’s Human Anatomy and Physiology*  
|                     | Lab Manual: *Hole’s Human Anatomy and Physiology: Laboratory Manual, Fetal Pig Version*  

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

### Instructor Information

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

### Office Hours:
- Monday: 8-9 am, 10-11 am  
- Tuesday: 9-11 am  
- Wednesday: 8-9 am, 10-11 am  
- Thursday: 9-11 am  
- Friday: 8-9 am, 10-11 am

### Assessment and Grading

| Testing Procedures: | 5 Lecture Exams will be given consisting of approximately 2 chapters each. In addition, 1 Comprehensive Lecture Final, and 2 Lab Practical Exams will be given. Quizzes may be given occasionally during lecture classes and quizzes may be given occasionally during lab (always bring pencil and scantron cards to lecture and lab classes). Graded and ungraded written exercises will be given during lectures and labs. There are no makeups for missed quizzes or graded written exercises.  
| Grading: | 5 Lecture Exams (100 points each) 500 points  
| | 1 Final Comprehensive Exam 100 points  
| | Mid Term Lab Practical 100 points  
| | Final Lab Practical Exam 100 points  
| | Lecture/Lab Quizzes or Written Work approx 100 points  
| | Approximate Total 900 points  

| Lab Policies: | Attendance is expected at all laboratory sessions. Laboratory exercises will consist of lab manual exercises, observation of slides and specimens, assigned lab activities, filling out the lab manuals, and lab quizzes and practical exams. Individual lab instructors are responsible for establishing grading procedures and reporting student grades to the Lecture Instructor.  

| Grading Scale: | The Biology Department Grades each course on the following scale: 90-100% = A |
### Assignments and Participation

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<thead>
<tr>
<th>#### Assignments and Participation</th>
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<tbody>
<tr>
<td><strong>Available Resources:</strong></td>
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<tr>
<td><strong>Classroom Policies:</strong></td>
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### Library

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

### Policy for Makeup Tests

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<tr>
<td>1. In the case of a <strong>first missed test,</strong> the Comprehensive Final Exam will count double to replace the grade you have missed.</td>
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<td>2. In the case of a <strong>second missed test,</strong> the makeup test will consist of 5-6 written discussion questions.</td>
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<td>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...</td>
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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.

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).

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<th>Syllabus Changes:</th>
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<td>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.</td>
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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. Here are some examples: Promising a grade in return for sexual favors; sexual innuendoes, comments, and remarks about a person's clothing, body or activities; suggestive or obscene gestures; patting, pinching, or other inappropriate touching; humor and jokes about sex that denigrate men or women; e-mail, notes, letters, or other written materials displaying objects or pictures which are sexual in nature that would create a hostile or offensive learning environment. 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 administrator. In particular, you may want to contact the Dean of Students, at 286-3234 or the ADA Counselor, at 286-3242. 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.

**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, use of cellphones or other electronic devices during a test, taking pictures
of exams, 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.