This course and BIO 201 cover the structure and function of the human body. Topics in BIO 202 cover the endocrine, immune, respiratory, digestive, excretory, cardiovascular, lymphatic, and reproductive systems. Also included is a study of basic nutrition, blood, and the basic principles of water, electrolyte, and acid-base balance. Dissection, histological studies, and physiology are featured in the lab experience. A 120-minute laboratory is required.

**Instructor:** Dr. Shane Evans  
**Office:** Andalusia Campus - Administration Bldg 222  
**Telephone Number:** (Office) 881-2234  
**E-mail:** sevans@lbwcc.edu  
**Office Hours:** M 9-11; T 9-10; W 9-11 & 4-5; Th 9-10; F 9-12  
**Campus Mailing Address:**  
Dr. Shane Evans  
LBW Community College  
1000 Dannelly Blvd  
Andalusia, AL 36420

**Prerequisites:** BIO 201

**Division and Department:** Math/Science - Biology

**Semester Credit Hours:** 4

**Textbook:**  
The following textbooks will be used for this course:  
*Human Anatomy and Physiology* by Elaine N. Marieb 8th edition  
myaandp.com (Class Title: BIO202EVANSFALL2010 Class ID: cm675962)

**Technology Required**  
A working email address

**Grading Policy**

<table>
<thead>
<tr>
<th>Component</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exams</td>
<td>40%</td>
</tr>
<tr>
<td>Formative Quizzes</td>
<td>10%</td>
</tr>
<tr>
<td>Summative Quizzes</td>
<td>15%</td>
</tr>
<tr>
<td>Practical Examinations</td>
<td>20%</td>
</tr>
<tr>
<td>Assignments</td>
<td>10%</td>
</tr>
<tr>
<td>Final Exam</td>
<td>5%</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>100%</strong></td>
</tr>
</tbody>
</table>

**Grading Scale:**  
The college grading scale will be used. It is as follows:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>100 - 90</td>
</tr>
<tr>
<td>B</td>
<td>89 - 80</td>
</tr>
<tr>
<td>C</td>
<td>79 - 70</td>
</tr>
<tr>
<td>D</td>
<td>69 - 60</td>
</tr>
<tr>
<td>F</td>
<td>59 - 0</td>
</tr>
</tbody>
</table>
GRADING
The grades will be determined by scores in three major performance areas: Individual Performance, Group Performance, and Peer Evaluations.

<table>
<thead>
<tr>
<th>Grade Weights</th>
<th>Grade Weights and Percentage of Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Individual Performance</td>
<td>......................................................... 75%</td>
</tr>
<tr>
<td>Group Performance</td>
<td>......................................................... 25%</td>
</tr>
<tr>
<td>Peer Evaluation (a factor to modify the group grade)</td>
<td>_______</td>
</tr>
</tbody>
</table>

100%

Formative Quizzes
There will be a short quiz (e.g. true-false and multiple choice) on the assigned reading given at the start of class each day. The same formative quizzes will be given to individuals and the group. In case of possible ambiguities in the reading material or wording of a quiz question, a group can submit a written appeal to the instructor. The appeal will be judged outside of class and a verdict returned the following class period.

Summative Quizzes
There will be a quiz at the end of class each day. The quiz will be given only to individuals. However, the score will be the average of the high and low scores of the group and will be weighted as an individual performance.

Exams
Four times during the semester there will be an exam. You will take the exam individually and as a group.

Assignments
Each day there will be a variety of activities to reinforce, clarify, and apply the material. The assignments will be done as a group.

Practical Examinations
Four major practical examinations are scheduled for the semester. The practicals are taken and weighted as individuals only. It is very important that you make every effort to take the practical examinations at their scheduled time. The practical examinations are extremely labor-intensive for the instructor and take a long time to set up. Nevertheless, make-up practical examinations will be available during finals week. Please make arrangements for a make-up with the instructor if needed. No bonus points are available on make-ups.

- Endocrine, Blood and Heart ........................................4%
- Blood Vessels and Lymphatic......................................6%
- Respiratory and Digestive .........................................5%
- Urinary and Reproductive ...........................................5%

Final Exam
A comprehensive final exam will be given during finals week. The exam will consist of matching terms learned throughout the semester with their corresponding definitions. The final will be done individually and not as a group.
Peer Evaluation

Each individual (anonymously) will rate all the other members of their groups at the end of the course (there will also be a practice evaluation one-third into the course). Individual peer evaluation scores will be the average of the points they receive from the members of their group. Assuming there are five members in the group, then,

1. Each individual will assign a total of 40 points among the four members of the group, for an average of 10 points per person.
2. So, student Linda might receive from her teammates peer evaluation scores of 10, 11, 9 and 10 = 40 points for an average of 10, while Mary might receive 12, 11, 11 and 14 = 48 points for an average of 12.
3. The peer evaluation score will be used to modify the group score. This is how it will work: If a student gets an average score of 10 from her group members then she will receive all the possible points of the group. If she receives an average of 9, she will receive only an average of 90% of the possible group score.
4. Additional directions: when you assign points, only assign equal numbers of points to everyone if they really did make equal contributions to the group work. Also, you must not give anyone more than 15 points. Regardless of how much work she did. Finally, you do not have to distribute all 40 points. If you feel it is unwarranted. That is, don’t give points away to poor performers just because you have some extra points.

Determination of Final Grades

The final grades will be determined as follows: A raw total score will be computed for each student in each major performance area. This will be the sum of the scores in individual performance, the scores on each of the graded group assignments, and the scores in the peer evaluation. (This will be the average of the peer evaluations received from the other members of her group.)

Each of these scores will be multiplied by the weighting factor to get a final total. For example, suppose a student had the following:

<table>
<thead>
<tr>
<th>Performance</th>
<th>Weighting factor</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Individual Performance</td>
<td>85 student’s score = 85% x .75 = 63.75</td>
<td></td>
</tr>
<tr>
<td>Group Performance</td>
<td>189 student’s score = 90% x .25 = (22.5)</td>
<td></td>
</tr>
<tr>
<td>Peer Evaluation</td>
<td>9 average score = 22.5 x .9 = 20.25</td>
<td></td>
</tr>
</tbody>
</table>

**Warning:** Each student must receive at least 70% in each of the three performance areas in order to pass the course. That is even if you receive a perfect 100% in both the individual and group performance and yet receive 50% in the peer evaluation, you will fail. Your teammates clearly believe you have shirked your responsibility. The instructor reserves the right to overrule the peer evaluation score if it appears that there will be a miscarriage of justice.

Attendance Policy

Students are expected to attend class. Students who are unable to attend class regularly should withdraw from class before poor attendance interferes with the student’s ability to achieve the objectives required in the course.
Academic Honesty
All students are expected to do their own work. **Copying is cheating.** If caught cheating violating students (If you let someone copy off of you are also cheating) will get a zero on the assignment and possible expulsion from class.

Withdrawal Policy
A student may withdraw from a course or all courses without a grade penalty up to fourteen (14) days prior to the first day of final exams for the fall and spring terms. For the summer term, students may withdraw from classes us to seven (7) days prior to the first day of final exams for each session. The final date for official withdrawal is printed in the college calendar and published in each class schedule. A student who receives Title IV Federal Financial Aid (ex. Pell Grant) may have to repay funds if he/she withdraws prior to completing 60 percent of the semester. See the Director of Financial Aid for more specific information.

Incomplete Policy
A grade of Incomplete (I) may be assigned when the quality of work has been passing but the student has been prevented by illness or other justifiable cause from completing the required work or taking the final examinations. A student who must miss a final examination has the responsibility of notifying the instructor prior to the examination or as soon thereafter as possible and of furnishing acceptable evidence concerning the cause of the absence upon return. If the cause is personal illness, the student should present the instructor a statement signed by the appropriate health care professional. A grade of Incomplete (I) must be cleared by the last class day of the following term or the grade automatically becomes an F. It is the student’s responsibility to contact the instructor and to make up missed course assignments and/or examinations.

Policy on Reasonable Accomodations for People With Disabilities
LBW Community College complies with Section 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act of 1990. If you have a disability that might require special materials, services, or assistance, or if you have any questions relating to accessibility, please contact the ADA Coordinator on the respective campuses. For TDD users in Alabama, the Alabama Relay Center is available by calling 1-800-548-2456. All materials related to compliance with the Americans with Disabilities Act are maintained by the college coordinators.

Andalusia Campus  Greenville Campus  MacArthur Campus  
Bridges Anderson  Dr. Jean Thompson  Jason Cain  
334-881-2247  334-382-2133 ext. 3102  334-493-3573 ext. 5363

Safety
Students are expected to follow all safety guidelines issued by the instructor.

Other
Additional course information may be announced by the instructor, and the instructor may make changes to this syllabus.