Human Anatomy and Physiology I – Syllabus Summer 2018

INSTRUCTOR:  Dr. Charles Venglarik. “Dr V”  
Office: RC 242D. Hours: R 2-5 PM Jefferson M/W 12-1 PM Shelby.  
cvenglarik@jeffersonstate.edu (preferred) or (205)-856-7730

COURSE DESCRIPTION:  Bio 201 & 202 describe the structure and function of the human body. Topics presented in Biology 201 include overviews of anatomy, physiology, and histology, plus the following systems: integumentary, skeletal, muscular, and nervous. Histological study, dissection, and anatomical models are featured in the required lab.


DISSECTION:  Students will dissect fetal pigs in the laboratory. Old clothes or a lab coat, goggles and non-sterile gloves are required. Proper technique and safety must be observed in the laboratory at all times. No foods, drinks or children are permitted in the lab.

INTERNET:  Important resources will be posted online at: http://faculty.jeffstateonline.com/cvenglarik/  
Students are expected to download, print out and/or utilize these materials.

ATTENDANCE:  Students are expected to attend all classes for which they are registered. Students who are unable to attend class regularly, regardless of the reason or circumstance, should withdraw from that class before poor attendance interferes with the student’s ability to achieve the objectives required in the course. Withdrawal from class can affect eligibility for federal financial aid. Open laboratory hours designed to give students more study time will be posted.

GRADING:

<table>
<thead>
<tr>
<th>Components</th>
<th>Points</th>
<th>Grade Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 Laboratory Exams @ 60 points each</td>
<td>240</td>
<td>A = 90 to 100%</td>
</tr>
<tr>
<td>3 Lecture Exams @ 100 points each</td>
<td>300</td>
<td>B = 80 to 89%</td>
</tr>
<tr>
<td>4 Vocabulary Quizzes @ 25 points each</td>
<td>100</td>
<td>C = 70 to 79%</td>
</tr>
<tr>
<td>4 Laboratory Quizzes @ 15 points each</td>
<td>60</td>
<td>D = 60 to 69%</td>
</tr>
<tr>
<td>Final Exam</td>
<td>150</td>
<td>F = &lt; 60%</td>
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<tr>
<td>Total possible:</td>
<td>850</td>
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</table>

Last day for automatic “W” July 7th

One make-up lecture exam is permitted per student given a written Doctor’s excuse or other official documentation. Make-up exams will be scheduled at the convenience of the instructor and will automatically result in the loss of one full letter grade (10%) except in cases of extreme hardship. Missing any lab quiz or exam or more than one lecture exam will automatically result in a grade of zero (0%). The W and W/P policies of the college should be noted. Not attending class does not constitute an automatic withdrawal. Moreover, lack of regular attendance will jeopardize certain types of financial aid.

STATEMENT ON DISCRIMINATION /HARASSMENT: The College and the Alabama State Board of Education are committed to provide both employment and educational environments free of harassment or discrimination related to an individual’s race, color, gender, religion, national origin, age or disability. Such harassment is a violation of State Board of Education policy. Any practice or behavior that constitutes harassment or discrimination will not be tolerated.
## DAILY SCHEDULE M/W Shelby Campus

<table>
<thead>
<tr>
<th>DATE</th>
<th>LECTURE TOPIC</th>
<th>Chapt</th>
<th>LABORATORY</th>
</tr>
</thead>
<tbody>
<tr>
<td>May 23</td>
<td>Introductions &amp; Class policies Organization of the Human Body</td>
<td>1</td>
<td>Laboratory Safety. Histology</td>
</tr>
<tr>
<td>May 28</td>
<td>College closed – Memorial Day</td>
<td></td>
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</tr>
<tr>
<td>May 30</td>
<td>Anatomical terminology</td>
<td>1</td>
<td>Histology – continued</td>
</tr>
<tr>
<td>June 4</td>
<td>Vocab Quiz 1 (a- to ejac-), Terminology &amp; Homeostasis</td>
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<td>Torso models – major organs Fetal pig organs – dissection</td>
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<tr>
<td>June 6</td>
<td>1st Lecture Exam, Integumentary system</td>
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<td>Laboratory Quiz 1</td>
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<tr>
<td>June 1</td>
<td>Integumentary system</td>
<td>5</td>
<td>1st Laboratory Exam</td>
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<tr>
<td>June 13</td>
<td>Bone tissue</td>
<td>6</td>
<td>Introduction to Skeletal System Axial skeleton – Skull</td>
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<tr>
<td>June 18</td>
<td>Bone tissue</td>
<td>6</td>
<td>Axial skeleton – cont’d</td>
</tr>
<tr>
<td>June 20</td>
<td>Vocab Quiz 2 (embol- to mictur-), Joints</td>
<td>9</td>
<td>Appendicular skeleton</td>
</tr>
<tr>
<td>June 25</td>
<td>2nd Lecture Exam, Muscular system</td>
<td>11</td>
<td>Appendicular skeleton – cont’d Laboratory Quiz 2</td>
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<tr>
<td>June 27</td>
<td>Muscular system</td>
<td>11</td>
<td>2nd Laboratory Exam</td>
</tr>
<tr>
<td>July 2</td>
<td>Muscle tissue and physiology</td>
<td>10</td>
<td>Human muscle models</td>
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<tr>
<td>July 4</td>
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<tr>
<td>July 9</td>
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<td>July 16</td>
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<td>July 18</td>
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<td>12</td>
<td>Cranial nerves &amp; superficial brain anatomy</td>
</tr>
<tr>
<td>July 23</td>
<td>Vocab Quiz 4 (synerg- to -zyme), Nervous Tissues</td>
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<td>Midsagittal brain anatomy</td>
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<tr>
<td>July 25</td>
<td>Central and Peripheral nervous systems</td>
<td>13</td>
<td>Spinal cord anatomy</td>
</tr>
<tr>
<td>July 30</td>
<td>Autonomic nerves</td>
<td>15</td>
<td>4th Laboratory Exam</td>
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<tr>
<td>Aug 1</td>
<td>FINAL EXAM</td>
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This is a tentative schedule; therefore, topics and exam dates are subject to change. Some of the material covered in this course is not found in the lecture textbook or laboratory manual.

The Rehabilitation Act of 1973 (Section 504) and the Americans with Disabilities act of 1990 state that qualified students with disabilities who meet the essential functions and academic requirements are entitled to reasonable accommodations. It is the student’s responsibility to provide appropriate disability documentation to the College (856-6077).
**DAILY SCHEDULE T/R Jefferson Campus**

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<td>1</td>
<td>Histology – continued</td>
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<tr>
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<tr>
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<td>Terminology &amp; Homeostasis</td>
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<td>Fetal pig organs – dissection</td>
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<td>Introduction to Skeletal System</td>
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