

**Syllabus:**  
**Anatomy and Physiology I**  
**The School of Arts & Sciences**  
**St. Thomas Aquinas College**

**COURSE DESCRIPTION:**

A study of the structure and function of the human being at various levels of complexity. Tissues, organs and organ systems will be stressed. The first semester stresses epithelial, skeletal muscular and nerve tissues. Prerequisites: a "C" or better in BIO 171,172,173 and 174.

**EVALUATION:**

There will be four lecture exams and four lab exams (including practicals) during the semester. In addition, students will be responsible for written lab reports and an evaluation of the students' dissections will be included.

**TEXT:**

Hole's Anatomy and Physiology by D. Shier, J. Butler and R. Lewis. WCB McGraw Hill, NY, 13<sup>th</sup> ed. 2013.

**COURSE OBJECTIVES:**

A student should finish with a thorough knowledge of the structure and function of the human body. A student should also be able to carry out a correct dissection and identify the internal structures of the cat.

**COURSE FORMAT:**

Lectures on the following topics will be given. The corresponding chapters in the text are given and a tentative schedule of labs is included.

**COMMENTS:**

Attendance is mandatory and absence for more than 15% of the course hours (lecture and lab) will result in a lower grade.

**ACADEMIC INTEGRITY**

Academic integrity, a commitment to honesty, fairness, respect, and responsibility, is the foundation of the learning process. All members of the St. Thomas Aquinas College community are held to the highest standards of academic honesty. While we recognize the participatory nature of education, we take academic integrity very seriously, and the College policy on academic dishonesty details consequences that can include dismissal from the College. That policy can be found in both the Student Handbook and the College Catalog.

As a student in this class, you must demonstrate your commitment to academic integrity by submitting work which originates in your own imagination, analytical faculties, or your own knowledge, which you have done yourself, and which represents your very best efforts. When appropriate, your work should be supplemented and supported by other sources; however, you must always ensure that these sources are properly cited using the recommended documentation system.

Students needing accommodations for a documented disability should notify the instructor at the beginning of the semester.

<u>TOPIC</u>	<u>TEXT</u>	<u>LAB</u>
Introduction to the Organization of the	Chapter 1	Microscope and tissue types  Human axial skeleton  Human appendicular skeleton
Tissue level of Organization	Chapter 5	
Skin and Integumentary System	Chapter 6	Human muscular system
Skeletal System	Chapter 7	Dissection of the cat muscular system
Articulations	Chapter 8	
Muscular System	Chapter 9	Back Chest Abdomen Neck & Jaw Hip Appendages
Nervous System Spinal Cord and Spinal Nerves	Chapter 10 Chapter 11	
Brain and Cranial Nerves	Chapter 11	Dissection of sheep's brain

### **COLLEGE POLICY ON ELECTRONIC DEVICES IN THE CLASSROOM**

Students are not to use any electronic device at any time without the expressed consent of the professor. This policy includes cell phones, laptop computers, or any other device the use of which constitutes a distraction to the professor or to the other students in the class as determined by the professor. Students with documented disabilities that require the use of a laptop in class may use them after informing their professor.

When a professor designates a time during which laptop computers may be used, they are only to be used at the discretion of the faculty member and in accordance with the mission of the college; visiting sites which the professor deems to be inappropriate to the needs of the class is forbidden..

Professors have the latitude to develop specific and reasonable policies to deal with violations of these general policies as they see fit. For more extreme cases of classroom disruption, see the College's Disruptive Student Policy