

SYLLABUS

ST 150: Anatomy & Physiology I

Term I, 4 credits

Instructor: Tara Kruse

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Instructor Communication: Email is the best way to contact me. Messages received between Monday and Friday (8:00 a.m. to 5:00 p.m.) are generally returned within 24 hours. Messages received on Saturdays, Sundays, or holidays will be returned on the next business day. Office hours are by appointment.

Course Description

This is the first in a two-course series that covers the basic structures and functions of the human body. This course addresses the skeletal, muscular, integumentary, and nervous systems.

Course Outcomes

1. Identify the basic organizational structures of the human body.
2. Analyze the basic structure of cells and relate cellular components to integrated cell function.
3. Analyze the types of tissue that make up organs and the characteristics of each.
4. Contrast and compare organs of the skeletal, muscular, integumentary and nervous system.
5. Analyze the skeletal, muscular, integumentary and nervous system for composition and function.

Program Outcomes

1. Demonstrate competence in the technological aspects of the surgical technologist profession.
2. Provide surgical patient care and comfort with empathy and cultural competence.
3. Demonstrate competence in surgical technologist duties, procedures and cases.

Course Requirements

Textbooks:

- *Illustrated Guide to Medical Terminology* (2nd edition) by Juanita Davies

- [OpenStax Anatomy & Physiology](#) (available for free online)

Time: This is a compressed course. You will generally be completing one topic per day. Topics generally take 8-10 hours to complete.

Moodle: All learning materials, activities, and assignments will be available on Moodle.

Computer access: Since coursework is completed online, you will need access to a computer and a reliable internet connection.

Course Schedule

Topic	Assignments (course outcomes)
Topic 1: The Integumentary System	Topic 1 Quiz (1) Topic 1 Terminology Exploring The Integumentary System (5)
Topic 2: The Blood	Topic 2 Quiz (1) Topic 2 Terminology Subdural Hematoma Case Study (2, 5)
Topic 3: Comprehension Assessment #1	Exam #1 (4) Disorder Report #1 (5)
Topic 4: The Skeletal System	Topic 4 Quiz (1) Topic 4 Terminology Exploring The Skeletal System (3, 5)
Topic 5: Comprehension Assessment #2	Exam #2 (4) Disorder Report #2 (5)
Topic 6: The Muscular System	Topic 6 Quiz (1) Topic 6 Terminology Damaged Muscle Scenarios (3, 5)
Topic 7: Comprehension Assessment #3	Exam #3 (4) Disorder Report #7
Topic 8: The Nervous System	Topic 8 Quiz (1) Topic 8 Terminology Exploring The Nervous System (2, 5)
Topic 9: The Eyes and Ears	Topic 9 Quiz (1) Topic 9 Terminology Hearing Loss Case Study (2, 3)
Topic 10: Comprehension	Exam #4 (4)

Assessment #4	Disorder Report #4 (5)
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Course Policies

Grading

- A = 90 – 100%
- B = 80 – 89%
- C = 75 – 79%
- FAIL = < 75%

Course Failure

If a student fails this course, they must follow the Surgical Tech Program Failing Grade Policy.

Accessibility

LBCC is committed to inclusiveness and equal access to higher education. If you have approved accommodations through the Center for Accessibility Resources (CFAR) and would like to use your accommodations in this class, please contact your instructor as soon as possible to discuss your needs. If you think you may be eligible for accommodations but are not yet registered with CFAR, please visit the [CFAR Website](#) for steps on how to apply for services. Online course accommodations may be different than those for on-campus courses, so it is important that you make contact with CFAR as soon as possible.

STATEMENT OF INCLUSION

The LBCC community is enriched by diversity. Everyone has the right to think, learn, and work together in an environment of respect, tolerance, and goodwill. I actively support this right regardless of race, creed, color, personal opinion, gender, sexual orientation, or any of the countless other ways in which we are diverse. (Related to Board Policy #1015)