

SOUTHEAST COMMUNITY COLLEGE
DIVISION OF ARTS AND SCIENCES
Sciences

Revision Date: 07-01-20

[Syllabus Statements](#)

I. CATALOG DESCRIPTION

Course Number: BIOS1140

Course Title: Human Anatomy

Prerequisite(s): None

Catalog Description: Study and identification of anatomical structures of the human body. Includes a detailed study of: tissues that make up the various body systems, integument, skeletal structures, joints, muscles (origin, insertion, action), peripheral and cranial nerves, brain structures, major blood vessels, heart structures, respiratory, digestive, reproductive, endocrine, lymphatics and urinary systems. Lab complements the material presented in lecture. Utilize the knowledge in a laboratory setting by studying with a “hands-on” approach using models, dissected tissues, and pictures. Lecture concurrent with lab.

Credit Hours: 4.0

Class Hours: 45

Lab Hours: 30

Total Contact Hours: 75

II. COURSE OBJECTIVES: *Course will:*

- A. Show students how intricate and complex the human body is.
- B. Allow students to be able to converse verbally with doctors regarding various aspects of their body.
- C. Show the students how to discuss the body parts without the use of pictures and diagrams.
- D. Get the students to understand anatomical terminology and do away with slang terms and laymen’s terms.

III. STUDENT LEARNING OUTCOMES AND GENERAL EDUCATION LEARNING OUTCOMES

- A. Student Learning Outcomes: *Student will be able to:*
 - 1. Converse with other students in the field of medicine using proper terminology.
 - 2. Identify superficial structures of the body.
 - 3. Identify a variety of cells and tissues.
 - 4. Identify a minimum of 75 skull structures.
 - 5. Identify a minimum of 25 rib and vertebral structures.
 - 6. Identify a minimum of 100 appendicular structures.
 - 7. Identify a minimum of 24 joint structures and ligaments.
 - 8. Identify a minimum of 95 skeletal muscles.
 - 9. Identify the origin, action, and insertion of numerous muscles.
 - 10. Identify a minimum of 24 brain structures.
 - 11. Identify all 12 cranial nerves, foramen, function, location, etc.
 - 12. Identify numerous structures of the spinal cord.
 - 13. Identify a minimum of 36 heart structures.
 - 14. Identify a minimum of 40 arteries and veins.
 - 15. Identify a minimum of 25 respiratory structures.
 - 16. Identify a minimum of 36 digestive structures.
 - 17. Identify a minimum of 25 urinary structures.
 - 18. Identify a minimum of 20 reproductive structures.

- B. General Education Learning Outcomes**
- 1. GELO #3: Critical Thinking & Problem Solving**
 Outcome: Collect, identify, interpret and analyze data.
 Outcome: Synthesize information to arrive at reasoned solutions to problems.
 Outcome: Evaluate the validity of arguments, alternatives, data, outcomes, and/or impacts of actions.
 Outcome: Acquire and integrate knowledge and construct relationships across disciplines.

IV. CONTENT/TOPICAL OUTLINE (*course outline may provide more detailed information*)

- A. The study of superficial landmarks.
- B. The study of cells and tissues.
- C. The study of the integumentary system.
- D. The study of the skull.
- E. The study of the vertebrae and ribs.
- F. The study of the internal bone structure.
- G. The study of the Pectoral girdle and upper limbs.
- H. The study of the pelvic girdle and lower limbs.
- I. The study of the joints.
- J. The study of the skeletal muscles.
- K. The study of the CNS.
- L. The study of the PNS.
- M. The study of the heart.
- N. The study of the blood vessels.
- O. The study of the respiratory system.
- P. The study of the digestive system.
- Q. The study of the urinary system.
- R. The study of the reproductive system.
- S. The study of the special senses (sight, hearing, balance, taste, smell).

V. INSTRUCTIONAL MATERIALS

- A. Required Text(s):
 1. Martini, Frederick, Judi Nath, & Edwin Bartholomew, *Fundamentals of Anatomy and Physiology*, 11th ed, Pearson, 2018. ISBN: 978-0-13-439602.
 2. Bassett, Steven, E, *Regional Human Anatomy Lecture and Lab Manual*, 1st ed., Bluedoor, 2017. ISBN: 978-1-68135-758-4.

VI. METHODS OF PRESENTATION/INSTRUCTION

- A. Methods of presentation typically include a combination of the following:
 1. Lecture
 2. Lab
 3. Demonstration

VII. METHODS OF EVALUATION

- A. Methods of evaluation typically include a combination of the following:
 1. Exams
 2. Quizzes
 3. Homework from lecture and lab

B. SCC GRADING SCALE

A+	95-100	C+	75-79	F	59 or less
A	90-94	C	70-74		
B+	85-89	D+	65-69		

B 80-84 D 60-64

VIII. SPECIFIC COURSE REQUIREMENTS

A. None.