

**SOUTHEAST COMMUNITY COLLEGE  
DIVISION OF ARTS AND SCIENCES**

**Sciences**

**Revision Date: 07-01-24**

**I. CATALOG DESCRIPTION**

Course Number: BIOS1140

Course Title: Human Anatomy

Prerequisite(s): Recommended: Grade of C or higher in ENGL0960 or appropriate placement score for ENGL0985

Catalog Description: Students will be exposed to the fundamental gross and microscopic anatomy of the human body. Topics covered include the integumentary, skeletal, muscular, nervous, digestive, respiratory, cardiovascular, lymphoid, urinary, reproductive and endocrine systems. Models of the human body, dissected organs, and cats are emphasized in laboratory. This course is for nursing and allied health majors. Lab is concurrent with lecture and is required.

Credit Hours: 4.0

Class Hours: 45

Lab Hours: 30

Total Contact Hours: 75

**II. COURSE OBJECTIVES: *Course will:***

- A. Present an in-depth study of human anatomy at the micro and macroscopic level.
- B. Facilitate an understanding of systems-based and regional anatomy, including special senses, using directional and anatomical terminology.
- C. Identify structures on models, dissected organs, and cats.
- D. Develop a microscopic-level comprehension of human tissue, including the structure, function, and organization of cells and tissues.
- E. Provide engaging laboratory learning opportunities that reinforce lecture content.
- F. Be able to retain and relate anatomical knowledge for success in future healthcare courses and careers.

**III. STUDENT LEARNING OUTCOMES AND GENERAL EDUCATION LEARNING OUTCOMES**

**A. Student Learning Outcomes:**

- 1. Identify the names and processes of anatomical structures for each region of the body.
- 2. Demonstrate a knowledge of human anatomical systems including limited physiology.
- 3. Develop a vocabulary of appropriate terminology to effectively communicate information related to anatomy.
- 4. Recognize and explain the interrelationships within and between anatomical structures, tissues, and organs.
- 5. Construct a foundation to comprehend the function of structures, tissues, and body organs.
- 6. Identify, and describe the various regions, sections, positions and directions of the body, including major body cavities and their subdivisions.
- 7. Use a microscope to identify body tissues, cells, and cell features.

**B. General Education Learning Outcomes**

- 1. GELO #3: Critical Thinking & Problem Solving
  - Outcome 1: Collect, identify, interpret and analyze data.
  - Outcome 2: Synthesize information to arrive at reasoned solutions to problems.
  - Outcome 5: Acquire and integrate knowledge and construct relationships across disciplines.

2. GELO #5: Analytical, Quantitative, and Scientific Reasoning
  - Outcome 1: Apply mathematical and scientific methods to solve problems from an array of contexts and everyday situations.
  - Outcome 3: Effectively develop strategies, algorithms, or experiments (or performing experiments) to better describe the systems or to solve the problems.

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

- A. Superficial landmarks and body cavities
- B. Cells and tissues
- C. Integumentary system
- D. Axial skeleton
- E. Appendicular skeleton
- F. Joints
- G. Skeletal muscles
- H. Central and peripheral nervous system
- I. Cardiovascular system
- J. Respiratory system
- K. Digestive system
- L. Urinary system
- M. Reproductive system
- N. Immune system
- O. Special senses (sight, hearing, balance, taste, smell)

**V. INSTRUCTIONAL MATERIALS**

- A. Required Text(s):
  1. Modified Mastering with Pearson eText for Marieb & Katja Hoehn, *Human Anatomy and Physiology*, 11<sup>th</sup> ed., Partner Integration. ISBN: 978-0-13-690458.
  2. Lecture Workbook: *Regional Human Anatomy*, Bassett, 2<sup>nd</sup> ed., Bluedoor, 2024 (Print / Digital Hybrid). ISBN: 9781778775529
  3. Lab Manual: Bassett, Steven, E., *Regional Human Anatomy Laboratory Manual*, 2<sup>nd</sup> ed., Bluedoor, 2024 (Print / Hybrid). ISBN: 9781778775567

**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.