



Surgical Anatomy Syllabus
SURG-6000
6 Credit Hour
Surgical Skillz Training
502-802-7360
(info@surgicalskillstraining.com)

I. Short Description of Course

The Surgical Anatomy course is designed to provide accurate information about the structure and function of the human body. The course is planned for students who are pursuing a career as a surgical first assistant. Course instruction will relate anatomy to surgical techniques and an understanding of the disease processes and the relationship of the processes to the specific types of pathologies to body systems.

II. Reference Materials and Texts

Anatomy 360 The Ultimate Visual Guide to the Human Body, Dr. Jamie Roebuck 20th Edition Sabiston Textbook of Surgery, Elsevier Saunders

III. Course Objectives and Competencies

After completing this course, the student will develop a functional knowledge of the gross anatomy of the human body systems listed in the outline.

IV. Course Competencies for: Human Anatomy (SURG-6000)

The student will accomplish the following competencies upon successful completion of the course in Surgical Anatomy (SURG-6000). Successful completion is defined as receiving a pass or fail grade in SURG-6000. These competencies should be attainable by receiving a pass grade for each exam in SURG-6000.

1. The student will develop a functional knowledge of the basic nomenclature and conventions used to study human anatomy.
2. The student will be able display knowledge of the relative positions and functions of the major body organs as well as their general anatomical locations for the body systems covered in Human Anatomy.
3. The student will be able to name the anatomical structures associated with the skull anterior view.

4. The student will be able to name the anatomical structures associated with the infrahyoid and suprahyoid muscles.
5. The student will be able to name the anatomical structures associated with the vertebral column, lumbar disc herniation, lumbar puncture and epidural anesthesia.
6. The student will be able to name the anatomical structures associated with the lungs in situ anterior view.
7. The student will be able to name the anatomical structures associated with the heart base and diaphragmatic surfaces.
8. The student will be able to name the anatomical structures associated with the inguinal canal and spermatic cord.
9. The student will be able to name the anatomical structures associated with the greater omentum and abdominal viscera.
10. The student will be able to name the anatomical structures associated with the omental bursa stomach reflected.
11. The student will be able to name the anatomical structures associated with the ileocecal region.
12. The student will be able to name the anatomical structures associated with the pelvic viscera and perineum female.
13. The student will be able to name the anatomical structures associated with the pelvic viscera and perineum male.
14. The student will be able to name the anatomical structures associated with the humerus and scapula posterior view.
15. The student will be able to name the anatomical structures associated with the femur.
16. The student will be able to name the anatomical structures associated with the tibia and fibula.

V. **Teaching Methods**

Lecture material will be conveyed by using computer on-line communications.

VI. **Student Evaluation**

A series of multiple choice and true or false answer examinations over lecture material will make up total course grade.

Attendance- this is an on-line course and the pace is set by each individual student.

Grading: Pass or Fail

VII. **Special Needs**

If you have special needs as addressed by the Americans with Disabilities Act and need any test or course materials provided in an alternative format, notify your instructor immediately. Reasonable efforts will be made to accommodate your special needs.

VIII. **Course Content**

SECTION 6 HEAD AND NECK

Assignment 1 Chapter 35 (Sabiston)

Head and Neck Chapter 2 (Anatomy 360)

SECTION 7 BREAST

Assignment 2 Chapters 36 and 37 (Sabiston)

The Thorax Chapter 4 (Anatomy 360)

SECTION 13 SPECIALTIES IN GENERAL SURGERY

Assignment 3 Chapter 68 (Sabiston)

The Back Chapter 3 (Anatomy 360)

Exam 1

SECTION 8 ENDOCRINE

Assignment 4 Chapters 38 and 39 (Sabiston)

Systems Chapter 1 (Anatomy 360)

SECTION 11 CHEST

Assignment 5 Chapters 58, 59, 60, and 61 (Sabiston)

The Abdomen Chapter 4 (Anatomy 360)

SECTION 10 ABDOMEN

Assignment 6 Chapters 46, 47, and 48 (Sabiston)

The Abdomen Chapter 4 (Anatomy 360)

Assignment 7 Chapters 49, 50, 51 and 52 (Sabiston)

The Abdomen Chapter 4 (Anatomy 360)

Exam 2

SECTION 13 SPECIALTIES IN GENERAL SURGERY

Assignment 8 Chapter 71 (Sabiston)

The Pelvis Chapter 6 (Anatomy 360)

Assignment 9 Chapters 72 (Sabiston)

The Pelvis Chapter 6 (Anatomy 360)

SECTION 5 SURGICAL ONCOLOGY

Assignment 10 Chapters 30, 31 and 32

The Upper Limb Chapter 7 (Anatomy 360)

The Lower Limb Chapter 8 (Anatomy 360)

Exam 3