COURSE OVERVIEW

HUMAN ANATOMY Theory

Assist. Prof. Dr. Sangar M. AHMED

Human Anatomy

Fall Semester

Week NO.1

Course Overview

Course name;

Human Anatomy

Course Overview

Course Description

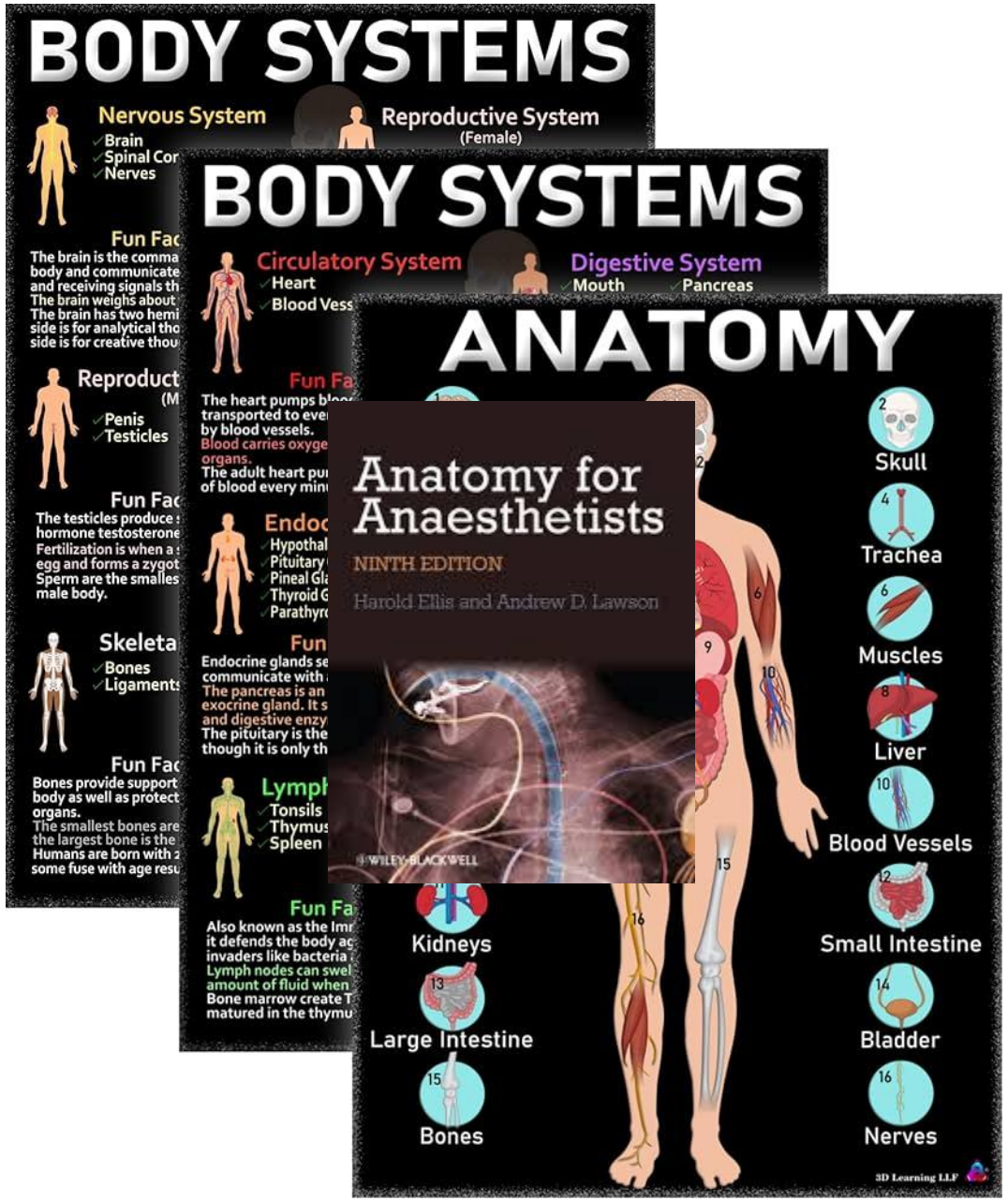
This course provides a comprehensive study of the **structure and organization of the human body**, with a focus on systems relevant to clinical laboratory practice. Students will explore anatomical terminology, body planes, and the detailed morphology of major organ systems including the skeletal, muscular, cardiovascular, respiratory, digestive, urinary, reproductive, nervous, and endocrine systems.

Course Overview

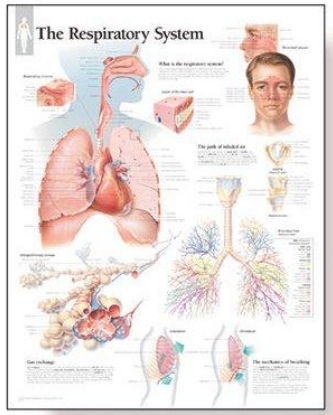
Course Objectives

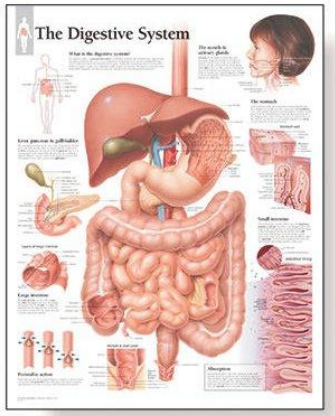
- **Identify and describe** the major structures and organ systems of the human body using correct anatomical terminology.
- **Explain the functional relationships** between anatomical structures and their relevance to clinical laboratory procedures.
- **Recognize anatomical features** through models, diagrams, and histological slides.
- **Apply knowledge of human anatomy** to interpret laboratory findings in a clinical context.
- **Demonstrate understanding** of body systems relevant to common laboratory diagnostics (e.g., cardiovascular, urinary, endocrine).

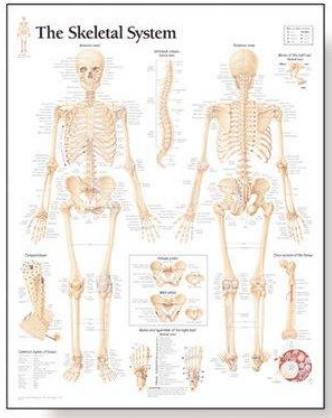
Course Overview

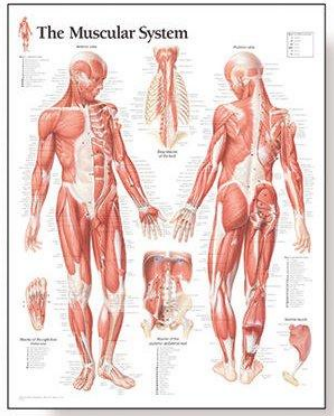


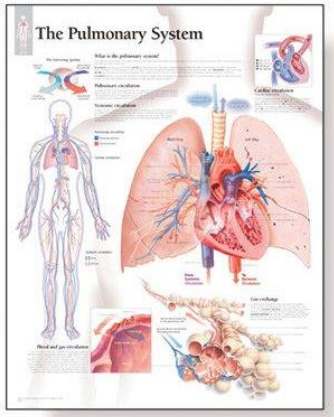
Course Overview

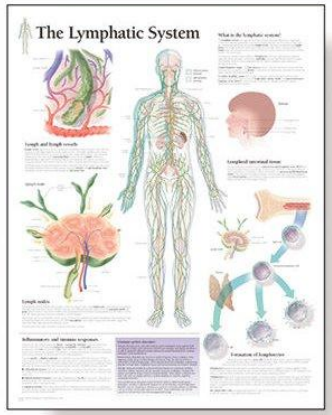


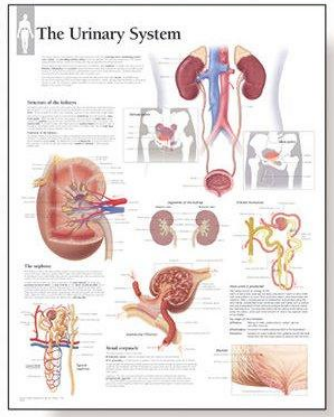


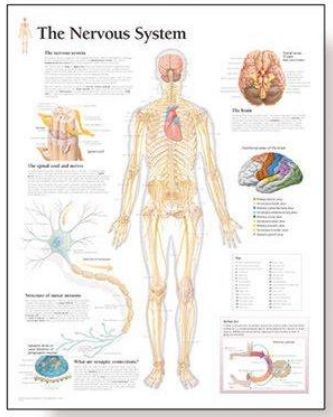


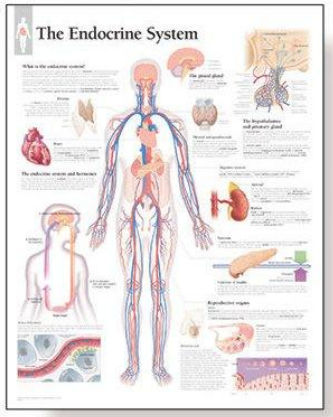


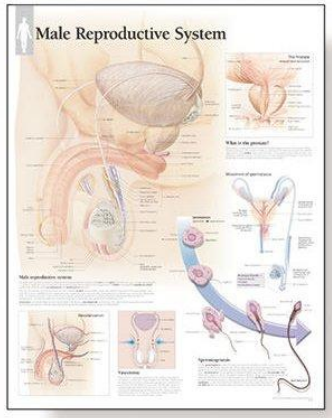


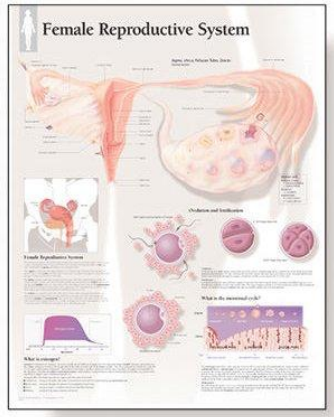












Course Overview

COURSE CONTENT

Weeks	Topics
W1	Course overview
W2	**Introduction to Human anatomy**
W3	**Skeletal System**
W4	**Muscular System**
W5	**Nervous System**
W6	**GIT System**
W7	**Midterm exam**

Course Overview

COURSE CONTENT

Weeks	Topics
W8	Cardiovascular System
W9	Respiratory System
W10	Digestive System
W11	Urinary System,
W12	Reproductive System
W13	Endocrine System
W14	Course review
W15+W16	Final Exam

Course Overview

Course/Student Learning Outcomes

- Describe the differences between the anatomy and physiology of the human body.

  Students will be evaluated by lecture exams, laboratory exams, laboratory reports, and laboratory practical exams.
- Explain the different levels of structural organization that make up the human body.

  Students will be evaluated by lecture exams and laboratory reports.
- Describe the anatomical position of the human body. Students will be evaluated by lecture, laboratory exams, and laboratory reports..

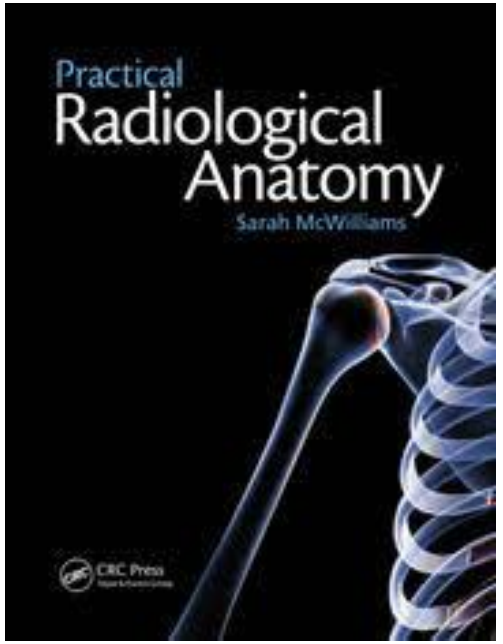
Course Overview

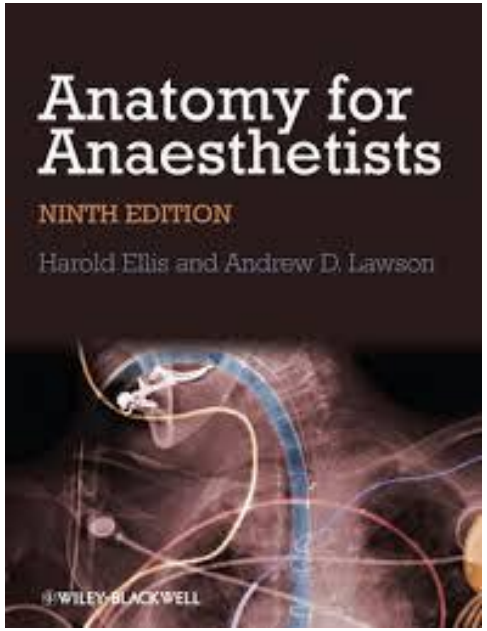
Course/Student Learning Outcomes

- Explain the directional terms and planes of the human body. Students will be evaluated by lecture, clinical exams, and medical reports.
- Describe the body cavities and regional quadrants. Students will be evaluated by lecture, laboratory exams, and laboratory reports.
- Describe the nature of atoms, chemical compounds, including organic and inorganic compounds. Students will be evaluated by lecture exams

Course Reading List and References

PRINCIPLES OF ANATOMY & PHYSIOLOGY , 15th edition, Gerard J. Tortora and Bryan Derrickson, John Wiley and Sons, Hoboken, N.J. 2017 Volume I





Student's obligation (Special Requirements):

- Students are expected to attend all lecture and discussion sessions.
- Students are expected to come to class on time to prevent disrupting the lecture and classroom activities.
- Any student who misses more than 2 scheduled discussion section meetings will lose points from their discussion section grade.

Course Overview

Student's obligation (Special Requirements):

- Technology Policy: - Mobile device (e.g., smart phones, pagers, etc.) ringers will be turned off or placed on vibrate prior to class.
- Laptops and tablets can ONLY be used in the classroom to take notes, make calculations, and download/read course materials.
- Note that research suggests non-academic use of the Internet is associated with poorer learning outcomes.
- Complete homework assignments before the dates.

Course Overview

Course Evaluation Criteria


QUESTION?
WHO?
HOW?
WHEN?
WHAT?
WHERE?
WHY?