



CP ANATOMY AND PHYSIOLOGY

CHAPTER 1

THE HUMAN BODY:

AN ORIENTATION

Chapter Preview - This chapter first defines and contrasts anatomy and physiology and discusses the levels of organization complexity in the human body. The needs and functional processes common to all living organisms are reviewed. Three essential concepts - complementarity of structure and function, hierarchy of structural organization, and homeostasis - will form the bedrock for the study of the human body and will provide the unifying threads for the topics in this course. The final section will present the language of anatomy - the terminology "tools" that are used to describe the body or its parts.

I. Overview of Anatomy and Physiology

- A. Identify and discuss the different branches of anatomy

II. Anatomic Terminology

- A. Identifying the terms referring to location, direction, planes and sections of the body
- B. Identify the body cavities and the organs they contain

III. Life Functions

- A. Identify and discuss the life functions and related body systems

IV. Body Processes

- A. Homeostasis
 - a. Metabolism (Anabolism and Catabolism)

Prefix Quiz dates:

September 14th Students **A-G quizzed**

September 17th Students **H-Z quizzed**

Test on Chapter 1

A-G Tentatively September 21st

H-Z Tentatively September 24th

Homework:

- **Review notes**
- **Study prefixes and suffixes**
- **Complete handout packet**

Packets due day of Test!