**Chapter 27- Outline**

We will use this outline as a guide for notes in spiral notebooks.

This outline also serves as a study guide and concept check in throughout the chapter.

To access links and videos, use the document in Compass (topics and events)

**Overall Chapter Goals:**

*How do the structures of organisms enable life's functions?*

*How do daily actions impact the health of the human body?*

| **Part 1: Quiz 1 (27.1 to 27.3)**  What is the relationship between anatomy and physiology?  What are the levels of structure in the human body?  What are the four major tissue categories and the functions of each?  What is homeostasis and how is it important?  How does homeostasis involve chemical exchange?  How does the integumentary system contribute to homeostasis? |
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| **Notes:**  Definitions and examples of anatomy and physiology  Definitions and descriptions of the levels of structure.  [Handout: tissue types](https://docs.google.com/document/d/1Z-SXjKQ2uwNqSNcsMahv03Vpw9JqRfaYwQ57TW9IXAw/copy)  VIDEO  Intro: [Introduction to Anatomy & Physiology: Crash Course Anatomy & Physiology #1](https://www.youtube.com/watch?v=uBGl2BujkPQ)  What is homeostasis? <https://www.youtube.com/watch?v=quQr6X1Q58I>  More on homeostasis<https://www.youtube.com/watch?v=Iz0Q9nTZCw4>  Definitions and descriptions of homeostasis, hormones, set points, and interstitial fluid  Handout: [Feedback loop examples](https://docs.google.com/document/d/1edCaeBU9_D-d7vmskpsBA_vyIV4AusAdfqpqptbThG4/copy)  Handout: [Integumentary system (skin) helps with homeostasis](https://drive.google.com/file/d/1GmLfnzc_aderVBMygCfhqAixk2aNk1Ch/view?usp=share_link) |
| **Part 2: Quiz 2 (27.4)**  [**Notes completed as part of the station activity.**](https://docs.google.com/document/d/1SHn4A-hPLEzb-GpAotWgJXrnlS6IJTqKRTtv7bEFqr4/copy)  What are the main functions and parts of the skeleton?  What is the structure of a typical bone?  How do the different types of joints compare and contrast?  What are three disorders of the skeletal system? |
| **Part 3: Test Chapter 27 (27.1 to 27.5)** [**Note**](https://docs.google.com/document/d/1tFnb3yfDBx7VPhaGHBLJKh8KUl0eTc4nSr2xYYCsoPk/copy)**s &** [**diagrams**](https://docs.google.com/document/d/19S-NwnmTZzVG_ESBc2JhRKYrw_n6MzAhtumyfsdHNhA/copy) **will answer these questions**  [How do muscles and bones move the body?](https://www.youtube.com/watch?v=FVIpeUIpFf0)  [What is the structure of a skeletal muscle? (diagram page)](https://www.youtube.com/watch?v=VVL-8zr2hk4)  [How are anatomy and physiology related in a simple task?](https://www.youtube.com/watch?v=Ktv-CaOt6UQ&t=70s) |

**What does it mean to study?**

Studying is an active process- simply rereading your notes or the textbook is not active enough

1. Use the study guide
   1. fill out the study guide using your notes, textbook, handouts, and any quizzes that lead to the test
   2. make a copy of the original study guide. fill out this copy using your memory. Highlight parts you didn't know from memory
   3. practice what you didn't know and finish the second guide. repeat until you can complete a copy of the guide from memory.
   4. make another copy of the original study guide. print it out and cut each question into separate strips. put the strips into a box or basket.
   5. shuffle the box, pick a question and test yourself. if needed, have the answers on the back or on an answer key. ask a peer or adult to quiz you.
2. Try one of the following, something that has worked for you in the past.
   1. rewrite notes
   2. make flashcards of vocabulary words or important concepts
   3. use the study guide tips above
   4. quiz yourself
   5. study with a group- teach someone a topic
   6. do practice questions or practice problems from homework, classwork, or HMH
3. Choose something that works for your learning style

| **See it** | **Hear it** | **Say it** | **Do it** |
| --- | --- | --- | --- |
| charts  photos  timeline  graphs  pictures  website  mind map | watch videos  class discussions  podcasts  different teacher- online videos | teach a peer  study in groups  review sessions | giant sticky notes  create a textbook page about the topic  flash cards  songs  study guides  make your own test  use textbook/hw questions |