

Unit 3 Outline – Chapter 5 (p. 94 - 115)
Tissues

Anatomy and Physiology – Mrs. Michaelson

Chapter Objectives:

1. List the four major tissue types and tell where each is located in the body.
2. Describe, in detail, the general characteristics of the nine types of epithelial tissue.
3. Explain the different types of glands and list where each is found in the body.
4. Compare and contrast the general cellular components, structures, fibers, and extracellular matrix (where applicable) in each type of connective tissue.
5. Describe the four different types of membranes.
6. Distinguish among the three types of muscle tissues.
7. Describe the general characteristics and functions of nervous tissue.
8. The Topic of Interest found on p. 103 focuses on extracellular matrix or ECM of the cell. “This material serves as a scaffolding to organize cells into tissues and also relays biochemical signals that control cell division, differentiation, repair, and migration.” Describe the three examples found in your text of what can happen when the balance of ECM is disrupted and disease results.

Other Assignments/Activities:

- Tissue drawings (colored) from lab including location and function of each.

Website: Access at <http://www.chetekhighscience.yolasite.com>

- Pictures of all the slides from lab will be available here for you to review.