

Day 07 – 9/24/13

Student Learning Objectives

By the end of this class you will be expected to understand:

- The nature and purpose of stem cells
- The nature and essential functions of the four types of tissues
- The concept of homeostasis and negative feedback loops
- How the skin is involved in regulating body temperature

Support videos:

- Organization & Tissues
 - http://www.youtube.com/watch?v=y2N_b0qwvxY
- Integumentary System
 - <http://www.youtube.com/watch?v=hUcyEhukn1M>

Assigned reading:

- Chapter 4: p78-97

Vocabulary:

- Tissue
- Stem Cell
- Epithelial tissue
- Gland
 - Endocrine
 - Exocrine
- Connective tissue
- Muscle tissue
- Nervous tissue
- Integument (skin)
 - Epidermis
 - Dermis
- Homeostasis
 - Hypothalamus
 - Feedback loop
 - Positive feedback loop
 - Negative feedback loop
 - Thermoregulation