Anatomy & Physiology Portfolio

**Portfolios:** The portfolio must be presented in a 3 prong folder or binder and must include the following elements:

* Cover page with title, name, class, and block number
* Table of contents
* Each system and all components of each system
* Portfolios must be **hand written** with **page references from the textbook** for each drawing and section.

**Due Jan 6**

**Unit 2: TISSUES and MEMBRANES**

1. Classification of epithelial tissue: Draw and define simple squamous / simple cuboidal / simple columnar / pseudostratified / stratified squamous / transitional epithelium. What is the **function** and **locations**
2. 4 Types of connective tissue: Use table 4.1 to sketch the 4 types of connective tissue. Define the “subclasses” of each with a short definition and function of each. List the cells of each.
3. Muscle Tissue: Describe the 3 categories of muscle tissue. Include labeled drawings of each type. Where would you find each?
4. Tissue Repair: Describe the process of tissue repair.
5. **Honors-** pg 145-6. Read and summarize the article on cancer in the book, especially the sections on carcinogenesis and the promising new therapies of cancer.

**Due one day before exam**

**Unit 3: Integumentary System**

Coloring of the skin worksheet. – The integument : epidermis and dermis

Discuss how the three different skin pigments work to contribute to skin color.