Anatomy Portfolio- Unit 5

**Portfolios:** The portfolio must be presented in a 3 prong folder 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** for each drawing and section.

1. NERVOUS SYSTEM
   1. **ORGANIZATION OF THE NERVOUS SYSTEM-** Describe the organization of the nervous system starting with Central and Peripheral and ending with Parasympathetic and Sympathetic. Describe each in a couple of words (Fig 11.2)
   2. **HONORS ONLY-** Summarize how brain neurotransmitters lead to drug addiction using the “Pleasure me, Pleasure me” article on page 418-419
   3. **Neuronal Structure-** Draw and label the basic structure of a nerve (pg. 391). Under the picture sketch the three structural types of neurons and where you find each. (394-395)
   4. **STRUCTURE OF A PERIPHERAL NERVE**- Describe the structure of a nerve including the connective tissue layers as well. (using figure 13.4)
   5. **AUTONOMIC NERVOUS SYSTEM-** Complete chart of the ANS.
   6. **CONTROL CENTERS OF THE BRAIN-** Complete the worksheet
   7. **HONORS ONLY- CRANIAL NERVES-** Complete the cranial nerves chart
   8. **Patellar Stretch Reflex Arc-** Explain the patellar reflex arc and include a drawing.