The student should be able to:

1. Identify the various components of a reflex arc and trace the nerve impulse from receptor to effector.

2. Describe the function of the peripheral nervous system

3. Explain what a nerve is.

4. Explain what the differences between an afferent nerve, an efferent nerve and a mixed nerve.

5. Identify the twelve cranial nerves by name, number (know your Roman numerals) and basic function of each

6. Explain the relationship between the names/numbers of the cranial nerves and their location on the brain.

7. Describe the structures that merge together to form a spinal nerve as they emerge from the spinal cord.

8. Explain how many spinal nerves there are and how they are named.

9. Explain what a nerve plexus is.

10. Identify the four plexus and identify the nerve roots that form each.

11. Provide other terms that can be used to indicate nerves that carry impulses to the CNS and nerves that carry impulses away from the CNS.

12. What general areas are controlled by each of the four plexus

13. Describe a dermatome.