

**Spokane Falls Community College**  
**COURSE LEARNING OUTCOMES**

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**Prefix and Course Number: PTA 105**  
**Course Title: Introduction to Neuroscience**  
**Version Date: 04/29/2019**

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**Course Learning Outcomes**

Upon successful completion of the course, the student will be able to:

1. Describe the following as it relates to the central and peripheral nervous system: (7B)
  - a. Physiology, and basic functions
  - b. Mechanisms of injury
  - c. Location of structures
2. Recall functions of the autonomic nervous system, vascular supply, cerebrospinal fluid spaces, and meninges. (7B)
3. Explain neurophysiologic principles as a basis for physical therapy treatment.(7B)
4. Identify the basic etiology, pathology, signs, and symptoms associated with diseases of the nervous system as it relates to the following:(7B)
  - a. Motor
  - b. Sensory
  - c. Perception
5. Compare and contrast common medical and surgical interventions across the lifespan related to the nervous system (7B)
6. Identify diagnostic tests and screens, including mentation and arousal, common to diseases of the nervous system. (7D18, 7D24)
7. Identify and present an appropriate evidence based publication related to neuroscience. (7D11)