

Course Objectives/Course Outline
Spokane Community College

Course Title: Vascular Procedures II

Prefix and Course Number: VASC 132

Course Description:

Course introduces students to the basic vascular physiology of the lower and upper extremities, abdomen, visceral organs and cerebral vasculature with emphasis on homeostasis and normal/abnormal physiology of these systems.

Course Learning Outcomes:

By the end of this course, a student should be able to:

- List the major components of blood, factors associated with clotting and lysis, and factors that contribute to homeostasis
- Describe and analyze the features of normal versus abnormal physiology in the cerebral, abdominal, and peripheral vasculatures
- Identify, describe, and analyze the factors involved in normal arterial and venous blood flow and their relationship with each other.
- Identify, describe, and analyze abnormal arterial and venous blood flow characteristics and the results of abnormal physiology states.
- Recall, identify, and describe the anatomy and function of the vascular system and visceral organs.

Course Outline:

- I. Cerebrovascular System Function & Evaluation
- II. Abdominal Vascular System Function & Evaluation
- III. Peripheral Arterial System Function & Evaluation
- IV. Peripheral Venous System Function & Evaluation