

Virginia Western Community College

RAD 228

Enhanced Patient Care for CT

Prerequisites

ARRT Registered or Registry Eligible

Course Description

This course is designed to facilitate critical thinking skills for students during the delivery of CT examinations for patients of all ages.

Semester Credits: 3

Lecture Hours: 3

Lab/Clinical/Internship Hours:

Required Materials

Textbook:

None

Other Required Materials:

Various resources such as Internet site and CD references are utilized for this course. The student is encouraged to investigate topics for a fuller understanding of the content.

Internet Access

Course Outcomes

At the completion of this course, the student should be able to:

- Demonstrate appropriate patient care related to the modality
- Describe steps to ensure patient safety during iodinated contrast media administration
- Provide patient assessment, care, and assistance for interventional procedures
- Manage the care and monitoring of the critically ill patient while performing CT examinations
- Manage radiation dose for adult and pediatric patients
- Prepare patient for CT Angiography

Topical Description

I. Patient Assessment:

- Contrast Media and Administration
- Pediatrics
- Sedation

II. Patient Assessment:

- Critically Ill
- Radiation Safety in CT
- ECG

III. Interventional Procedures:

- CT Angiography

Note to Instructors