

# Virginia Western Community College

## RAD 196

### On-Site Computed Tomography or Magnetic Resonance Imaging Training

**Prerequisites:**

RT, CNMT, ARRT Registered or Registry Eligible

**Course Description:**

Specialized in career orientation and training program without pay in selected businesses and industry, supervised and coordinated by the college. Credit/work ratio not to exceed 1:5 hours. May be repeated for credit Variable hours. 1-5 credits.

**Semester Credits: 1 -2****Lecture Hours: 0****Lab/Clinical/Internship Hours: 5****Required Materials****Textbook:**

None

**Other Required Materials:****Course Outcomes****At the completion of this course, the student will be able to:**

- Identify specific CT/MRI equipment to include operation and functions.
- Depict the role and responsibilities of each staff member in a CT/MRI suite.
- Interact professionally and ethically with CT/MRI staff, hospital staff, physicians and patients.
- Perform patient care duties and protocols for CT/MRI exams.
- Perform CT/MRI protocols on the CT/MRI Imaging console.
- Record and save CT/MRI exams for the patient.
- Review and critique CT/MRI exams for technologist completion.
- Record completed exams for verification as directed by the ARRT

**Topical Description**

The VWCC Radiography Program Director will assign the student a clinical site. The student will complete the specific clinical site orientation process and pay for any testing fees that are mandated prior to gaining access to the clinical site. The student will keep track of their clinical times, clinical exams and clinical evaluations. A registered CT/MRI technologist at the assigned clinical site must sign off daily on the student's attendance dates and times. The VWCC Radiography Program Director will check the submitted logs on a continuing basis. The student must complete 150 clinical hours during the 10- or 15-week semester to complete the 2-credit course and 75 clinical hours during the 10- or 15-week semester for the 1-credit course. Exams obtained during the clinical course to be used for ARRT verification are the sole responsibility of the student.