

Department of Clinical Laboratory & Medical Imaging Sciences  
Radiologist Assistant Program  
MSRA 5120 Patient Assessment, Management & Education

## Course Description

The focus of the course will concentrate on the student's ability to perform a human physical assessment for diagnostic and therapeutic measures. The student will learn the required techniques to evaluate a patient's physical and social well-being and overall health status. Various methodologies and techniques shall be discussed.

## Credits/Modes of Instruction

3.0 Web Based

## Prerequisites

The admission to the RA program, Learning Management System Orientation, MSRA 5400 and 5110 serve as the prerequisites to this course. The expectation is that students are proficient in both oral and written communication and are able to function autonomously in a demanding academic environment.

## Course Goals and Objectives:

### Goals

The courses goal is to builds upon the knowledge of an experienced radiographer. Utilizing the students increased knowledge of physical assessment in combination with critical thinking. This will enable the student to progress through the curriculum and excel during the RAs clinical experiences.

### Objectives

To enhance each RA students understanding of how to perform a physical assessment utilizing their clinical anatomical and physiological knowledge in order to perform an examination of each organ system. The student will be able to:

- The student shall be able to verbally explain the rationale behind specific methods of physical assessment.
- The student shall demonstrate firsthand knowledge of how to palpate, auscultate and visually inspect the human body.
- The student shall be able to verbally explain the rationale behind specific laboratory

tests.

- The student shall demonstrate the knowledge of how to interpret specific laboratory and diagnostic test results in order to apply them with the findings of the physical examination.
- The student shall be able to site specific developmental differences between the male and female sexes.
- Upon assessment of a patient, the student will be able to render his/her finding that supports a specific diagnosis.
- The student shall be able to modify the techniques involved in a physical assessment to cover multiple age categories – neonate-pediatric-adult-geriatric patient.
- The student will demonstrate the cognitive ability to present their findings to an attending physician-radiologist.
- The RA student will be able to (based on their examination) recommend specific diagnostic tests to confirm their physical assessment findings.
- The RA student shall demonstrate an understanding of the specific equipment utilized in an examination and the knowledge of how to utilize them. (Stethoscope, Oscope, thermometer, reflex hammer etc.).