

RADI 213 (5247) Radiographic Pathophysiology

Prerequisite: Advisor Approval: Entrance into sophomore year of Radiography Program

Credit Hours: 2

Study of pathologies and their effects on the anatomy, physiology, and radiography of the human body.

RADI 214 (5229) Simulations in Radiography II

Prerequisite: RADI 113 Simulations in Radiology I

Credit Hours: 1

Laboratory study of the radiographic procedures used to visualize the anatomical structures of the bony thorax, spine, head and barium enema contrast study.

RADI 217 (5241) Radiation Protection I

Prerequisite: RADI 125 Principles of Physics & Equipment Operation

Credit Hours: 2

This course introduces radiation protection concepts as they apply to the patient. It encompasses the types of radiation, how radiation interacts with matter, radiation quantities and units, and radiation monitoring. It will explore the major differences between early and late tissue reactions.

RADI 218 Radiation Protection II

Prerequisite: RADI 217 Radiation Protection I

Credit Hours: 2

This course establishes a basic knowledge of radiation protection in the areas of dose limits, equipment design, management of radiation dose during diagnostic procedures, and the management of radiation dose to imaging personnel. Introduces an overview of cell biology and molecular and cellular radiation biology.

RADI 219 (5105) Image Analysis

Prerequisite: Advisor Approval: Entrance into Sophomore year of Radiography Program

Credit Hours: 2

Will provide a basis for analyzing radiographic images. Including the importance of imaging standards, discussion of a problem solving technique for image evaluation and factors that can affect image quality.

RADI 221 (5266) Radiography Comprehensive Review

Prerequisite: Advisor Approval: Completion of all Radiography courses to date

Credit Hours: 2

Group discussion on current topics in radiologic technology. Review of the principles of radiography and their application to the ARRT examination. Mock registry exams on the computer .

RADI 223 (5106) Critical Thinking and Analysis in Radiography

Prerequisite: Entrance into sophomore year of Radiography Program

Credit Hours: 3

Comprehensive review course with emphasis on critical thinking, problem analysis, and solution judgment skills. Includes group sessions for scenario development.

Religion

RELI 101 (1510) Comparative World Religions KRSN REL1010**

Prerequisite: None

Credit Hours: 3

This course examines different religions and their history, practices, and beliefs.

RELI 105 (1564) New Testament Survey KRSN REL1030**

Prerequisite: None

Credit Hours: 3

An introduction to the New Testament and other early Christian literature in their historical and cultural context.

*Refer to the Placement Testing Procedure 3.22, page 22 **Refer to Course Transfer, page 17