

Minnesota State College Southeast

RADT 2686: Sectional Anatomy

A. COURSE DESCRIPTION

Credits: 3

Lecture Hours/Week: 3

Lab Hours/Week: *.*

OJT Hours/Week: *.*

Prerequisites: None

Corequisites: None

MnTC Goals: None

This is an elective course for students and/or technologists with an interest in CT, MRI, or ultrasonography. This course familiarizes the student with cross sectional anatomy and pathologic conditions of the human body. Images will be evaluated by physiologic systems in various imaging planes. It is imperative for those working in medical imaging to be able to identify anatomy in cross-section. (Prerequisite or concurrent: BIOL2511, BIOL2512, RADT2601, RADT2617, RADT2663 and/or a graduate of associate degree or certificate program in radiography; official transcript review required or credentialed in Radiography, Nuclear Medicine Technology; registration with NMTCB is also accepted; Sonography or Radiation Therapy or Radiography program director approval.) (3 Credits: 3 lecture/0 lab)

B. COURSE EFFECTIVE DATES: 03/28/2012 - Present

C. OUTLINE OF MAJOR CONTENT AREAS

D. LEARNING OUTCOMES (General)

1. Identify imaging anatomy of head and neck, spine, thorax, abdomen, pelvis, and musculoskeletal
2. Identify sectional anatomy: Sagittal plane, Transverse plane, Coronal plane, Off-axis (oblique), Landmark, Pathology recognition
3. Describe the anatomy and physiology based on imaging plane; pathological considerations; protocol considerations

E. Minnesota Transfer Curriculum Goal Area(s) and Competencies

None

F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

G. SPECIAL INFORMATION

None noted