

**RADIOLOGICAL SCIENCES and 6012
PHYSICS OF NUCLEAR MEDICINE IMAGING**

Spring 2018

CLASS DAYS and TIME: Monday, Friday, 1:00 – 2:30

CLASSROOM: MEDSCI 625F

COURSE FACULTY: Geoffrey Clarke, Paul Jerabek (Director)

OFFICE LOCATION and HOURS: Paul Jerabek (Director), McD 1.509.2

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READ THIS DOCUMENT CAREFULLY - YOU ARE RESPONSIBLE FOR ITS CONTENTS.

COURSE DESCRIPTION AND OBJECTIVES: This course provides an overview of the chemistry, physics and instrumentation related to nuclear medicine imaging.

Pre-requisites – None

Semester credit hours – 3

By the end of this course, each student should be able to: have a basic understanding of the physics and instrumentation of nuclear medicine imaging systems for those who desire to become specialists in nuclear medicine as well as serve as a reference source for those who practice in related fields

COURSE ORGANIZATION

The main teaching modalities used in this course include:

- 1) Lectures
- 2) Handouts

Materials – None

Computer Access – None

Reading Assignments – None

TEXTBOOKS

Recommended: Physics in Nuclear Medicine, 4th Edition, Simon R. Cherry, PhD, James A. Sorenson, PhD and Michael E. Phelps, PhD, 2012, Elsevier-Saunders

GRADING POLICIES AND EXAMINATION PROCEDURES

Three exams

Grading System

GRADING IS BASED ON A CURVE TAKING INTO ACCOUNT STUDENTS RELATIVE PERFORMANCE OVER THE THREE EXAMS

REQUESTS FOR ACCOMMODATIONS FOR DISABILITIES

In accordance with policy 4.2.3, **Request for Accommodation Under the ADA and the ADA Amendments Act of 2008 (ADAAA)**, any student requesting accommodation must submit the appropriate request for accommodation under the American with Disabilities Act (ADA, form 100). to his/her appropriate Associate Dean of their School and a copy to the ADA Coordinator. Additional information may be obtained at <http://uthscsa.edu/eeo/request.asp>.

ACADEMIC INTEGRITY AND PROFESSIONALISM

Any student who commits an act of academic dishonesty is subject to discipline as prescribed by the UT System Rules and Regulations of the Board of Regents. Academic dishonesty includes, but is not limited to, cheating, plagiarism, collusion, the submission for credit of any work or materials that are attributable in whole or in part to another person, taking an exam for another person, signing attendance sheets for another student, and any act designed to give unfair advantage to a student or the attempt to commit such an act. Additional information may be obtained at <http://catalog.uthscsa.edu/generalinformation/generalacademicpolicies/academicdishonestypolicy/>

TITLE IX AT UTHSCSA

Title IX Defined:

Title of the Education Amendments of 1972 is a federal law that prohibits sex discrimination in education. It reads “no person in the United States shall, on the basis of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving Federal financial assistance.”

University of Texas Health Science Center San Antonio’s Commitment:

University of Texas Health Science Center San Antonio (UTHSCSA) is committed to maintaining a learning environment that is free from discriminatory conduct based on gender. As required by Title IX, UTHSCSA does not discriminate on the basis of sex in its education programs and activities, and it encourages any student, faculty, or staff member who thinks that he or she has been subjected to sex discrimination, sexual harassment (including sexual violence) or sexual misconduct to immediately report the incident to the Title IX Director.

In an emergency, victims of sexual abuse should call 911. For non-emergencies, they may contact UPD at 210-567-2800. Additional information may be obtained at <http://students.uthscsa.edu/titleix/>

EMAIL POLICY

None

USE OF RECORDING DEVICES

Audio recording devices may be used

ELECTRONIC DEVICES

Computers may be used