

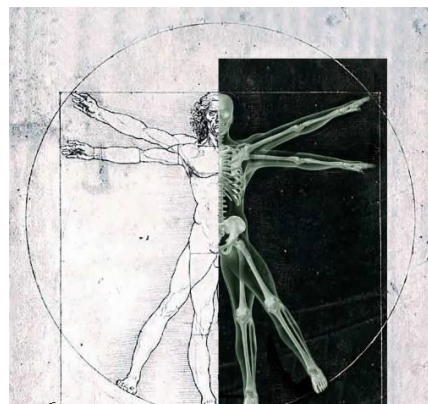
THE UNIVERSITY OF TEXAS  
**MDAnderson**  
~~Cancer Center~~  
Making Cancer History®

**School of Health  
Professions**

**Diagnostic Imaging  
Program**

**STUDENT  
HANDBOOK**

**2018-2019**



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# Diagnostic Imaging Program

## Overview

Diagnostic Imaging is a specialty devoted to the study of routine and advanced radiographic imaging procedures. The University of Texas MD Anderson Cancer Center, Diagnostic Imaging Program is one of two schools in the state of Texas that offers a bachelor's degree in Diagnostic Imaging. The curriculum includes emerging advanced technologies in Computed Tomography/Vascular Interventional, and Magnetic Resonance Imaging as well as leadership opportunities in management and education emphases. Graduates are typically employed in hospitals, outpatient medical centers, and research facilities.

### Track 1 Certificate in Radiologic Sciences (3-Year Track)

#### A two-year program with entry at the sophomore level

The program consists of 58 semester credit hours SCH in the radiography curriculum and programmatic core courses. At the conclusion of this two-year program, students may sit for the American Registry of Radiologic Technologists (ARRT) certification examination, and may proceed to the third year for their baccalaureate degree with specialization in one of four areas: Computed Tomography/Vascular Interventional, Education, Management or Magnetic Resonance Imaging. Students have the option to transfer or apply to the Diagnostic Medical Sonography and Radiation Therapy programs at the completion of the 2-year certificate program.

### Track 2 Bachelor of Science in Diagnostic Imaging (1-Year Track)

#### Bridge program for Radiologic Science professionals desiring a BS degree in Diagnostic Imaging

This track is a one-two year program of upper division core credits (12 semester credit hours and electives) electives (30 Semester Credit Hours) in a chosen emphasis:

- Computed Tomography/Vascular Interventional (full time, 1-year)
- Education (full time, 1- year or part time, 2 years)
- Magnetic Resonance Imaging (full time, 1-year)
- Management (full time, 1- year or part time, 2 years)

### Computed Tomography

Computed tomography (CT) utilizes ionizing radiation to produce cross-sectional images or "slices" of the body, similar to slices in a loaf of bread. These images are used for diagnosing fractures or several other pathologies in the body. The Diagnostic Imaging program has excellent faculty that provide didactic and clinical training to prepare students to take the advanced registry examination in CT, administered by the American Registry of Radiologic Technologists (ARRT).

The program is affiliated with several hospitals within The Medical Center (TMC) and surrounding areas where students have the opportunity to use state-of-the-art scanners in performing examination procedures. Students learn to image a variety of procedures, including trauma patients under the guidance of registered technologists. Technologist responsibilities and job opportunities in this field are increasing, given the expanded examinations that are performed and the increased speed of the scanners.

## **Education or Management**

The Bachelor of Science degree in Diagnostic Imaging with specialization in Education or Management is designed for individuals with work experience who are aspiring to managerial or educational leadership positions in medical imaging or other healthcare related organizations. The program enhances general management abilities and teaching skills, as well as providing opportunities for developing analytical skills in assessing organizational performance and approaches for improvement.

This program's flexible schedule allows students to complete their degree in as little as 12 months (full time) or 24 months (part time). Nearly 90% of the content is delivered in a hybrid format allowing students the flexibility to juggle the demands of family, career, and school. Students in the program engage in distance learning activities, including electronic presentations, threaded group discussions, and synchronous interactions with the faculty during class meetings. The management emphasis provides a theoretical foundation for students who plan to take examinations to become a Certified Radiology Administrator (CRA). The courses provide students with a broad emphasis in the five domains of the CRA curriculum. This includes fiscal and operational management, marketing, organizational behavior, and communication.

## **Magnetic Resonance Imaging**

Magnetic Resonance Imaging (MRI) uses magnetic fields and radio waves to create detailed images of the body for diagnosing pathology. The MRI program at UT MD Anderson combines didactic and clinical education experiences, to provide students with the knowledge and skills to become an entry-level MRI technologist. The program has excellent faculty and clinical preceptors in a variety of clinical settings that work closely with students. The program has been very successful in graduating sought-after, highly skilled technologists. Students' testimony of the program resonates on the comprehensiveness, quality of teaching, and state-of-the-art equipment available at this world-class research university.

Many graduates of the Diagnostic Imaging Program are employed at UT MD Anderson and several of the program's affiliates, but the School of Health Professions makes neither guarantee nor influence of gaining employment.

## **Vascular Interventional**

Vascular Interventional (VI) Radiography is a sub-specialty of radiology utilizing minimally-invasive image-guided procedures to diagnose and treat diseases in nearly every organ system. The concept behind Vascular Interventional Radiology (also sometimes referred to as Interventional Radiology), is to diagnose and treat patients using the least invasive techniques currently available in order to minimize risks to the patient and to improve health outcomes. These procedures are completed on a team based approach which usually includes a Radiologist who specializes in Vascular Interventional procedures, a team of specially trained radiographers (VI Technologists) as well as nurses who are trained in this specialty area. These procedures have less risk, less pain and less recovery time in comparison to surgery. The Diagnostic Imaging program has excellent faculty that provide didactic and clinical training to prepare students to take the advanced registry examination in VI, administered by the American Registry of Radiologic Technologists (ARRT).

# Diagnostic Imaging Program Faculty and Officials

Department Phone 713-792-3455

Department Fax 713-745-3337

## Faculty and Staff

### Interim Deans

Peter Hu, Ph.D., FACSc  
Phone 713-792-3455  
[pchu@mdanderson.org](mailto:pchu@mdanderson.org)

William A. Undie, Ed.D., MBA, RT (R)(T)  
Phone 713-792-3455  
[wundie@mdanderson.org](mailto:wundie@mdanderson.org)

### Operations Manager

Angela Adcox, MA  
Phone 713-792-1605  
[aadcox@mdanderson.org](mailto:aadcox@mdanderson.org)  
Office: YB.5712c

### Medical Director

Aurelio Matamoros, MD  
Professor, Diagnostic Radiology  
[amatamor@mdanderson.org](mailto:amatamor@mdanderson.org)

### Program Director

William A. Undie, Ed.D., MBA, RT (R)(T)  
Associate Professor  
Phone 713-792-3455  
[wundie@mdanderson.org](mailto:wundie@mdanderson.org)  
Office YB.5834

### Education Coordinator, Radiography and Education/Management Emphases

Suzieann Bass, Ed.D., MA.Ed, MBA, RT(R)  
Assistant Professor  
Phone 713-792-4345  
Pager 713-606-2115  
[srichards@mdanderson.org](mailto:srichards@mdanderson.org)  
Office YB.5836

### Education Coordinator, MRI Emphasis

Sonja K. Boiteaux, MSRS, RT(R)(MR), MRSO  
Assistant Professor  
Phone 713-794-4203  
[sboiteaux@mdanderson.org](mailto:sboiteaux@mdanderson.org)  
Office: YB.5837

### Education Coordinator, CT and VI Emphases

Deborah M. Scroggins, MSRS,  
RT(R)(CT)(CV)(M)  
Assistant Professor  
Phone 713-794-4199  
[dmscroggins@mdanderson.org](mailto:dmscroggins@mdanderson.org)  
Office YB.5838

### Clinical Educator, Radiography Emphasis

David Clayton, BS, RT(R) (QM)  
Sr. Health Professions Educator  
Phone 713-792-6685  
Pager 713-404-3668  
[dclayton@mdanderson.org](mailto:dclayton@mdanderson.org)  
Office YB.5858

### Clinical Educator, Radiography Emphasis

Anthony R. Francois, RT(R)  
Sr. Health Professions Educator  
Phone 713-563-0573  
[arfrancois@mdanderson.org](mailto:arfrancois@mdanderson.org)  
Office YB.5856

### Clinical Educator, Radiography Emphasis

Mary Gust, RT(R)  
Sr. Health Professions Educator  
Phone 713-792-3455  
[magust@mdanderson.org](mailto:magust@mdanderson.org)

### Clinical Educator, Radiography and MRI Emphases

Roger Wilson, MSRS, RT(R)(CT)  
Sr. Health Professions Educator  
Phone 713-792-3455  
[rwilson@mdanderson.org](mailto:rwilson@mdanderson.org)  
Office YB.5896

### Clinical Educator, CT and VI Emphases

Claudia Tamara, MScD, RT(N)(CT), CNMT  
Health Professions Educator  
Phone 713-745-0482  
[cctamara@mdanderson.org](mailto:cctamara@mdanderson.org)  
Office YB.5824



## Adjunct Faculty

Tonya Bell Brightmon, MS, RT (R) (CT)  
Current Trends in Healthcare Management

Christine B. Capitan, MBA  
Leadership in Radiologic Sciences  
[cbcapitan@aol.com](mailto:cbcapitan@aol.com)

Terrell Evans, MBA, BAS, RT (R) (CT) (MR)  
Administrative Director, DI Operations  
Radiography  
Promotional Strategies to Radiologic Sciences  
Phone 713-794-1175  
[TEvans1@mdanderson.org](mailto:TEvans1@mdanderson.org)

Veronica Garza, MA  
Human Resources Consultant  
Phone 713-745-7123  
Pager 713-404-4381  
[vgarza@mdanderson.org](mailto:vgarza@mdanderson.org)

Kenya R. Haugen, DM, MS, RT(R)  
Adjunct Instructor  
Phone 713-792-3455  
[krhaugen@mdanderson.org](mailto:krhaugen@mdanderson.org)  
Office YB. 5858

Bilal Mujtaba, MD  
Assistant Professor, Diagnostic Radiology –  
MSK Imaging  
Phone 713-745-9798  
[BMujtaba@mdanderson.org](mailto:BMujtaba@mdanderson.org)

Thomas Nishino, PhD  
Assistant Professor, Imaging Physics  
Phone 713-792-2745  
Pager 713-606-2734  
[TNishino@mdanderson.org](mailto:TNishino@mdanderson.org)

Francis Ozor, Ed.D., M.P.H., RT(R)  
Program Director, Lone Star College Medical  
Radiologic Technology Program  
Operations Management  
Phone 936-273-7412  
[francis.c.ozor@lonestar.edu](mailto:francis.c.ozor@lonestar.edu)

Donna Reeve, MS, DABR, DABMP  
Senior Medical Physicist, Imaging Physics  
Phone 713-563-2719  
Pager 713-404-3669  
[dmreeve@mdanderson.org](mailto:dmreeve@mdanderson.org)



## MD Anderson Division of Diagnostic Imaging Officials

Habib Tannir, MS  
Executive Director, Clinical Operations

Aziz Benamar, MBA  
Director, Clinical Operations

Terrell Evans, MBA, BAS, RT (R) (CT) (MR)  
Administrative Director, DI Operations  
Radiography  
Phone 713-794-1175  
[TEvans1@mdanderson.org](mailto:TEvans1@mdanderson.org)

Nancy M. Swanston  
Administrative Director, DI Operations MRI,  
PET, PET/CT  
Phone 713-792-9583  
Pager 713-404-1869  
[nswanston@mdanderson.org](mailto:nswanston@mdanderson.org)

Victor Arboleda, RT(R)(CT)(MR)  
Manager, Magnetic Resonance Imaging  
Phone 713-745-2081  
Pager 713-404-1077  
[varboleda@mdanderson.org](mailto:varboleda@mdanderson.org)

Rodney Bass, RT(R)  
Manager, Radiography/Fluoroscopy  
Phone 713-792-8788  
Pager 713-404-7183  
[Rodney.Bass@mdanderson.org](mailto:Rodney.Bass@mdanderson.org)

Keenan Harris, RT(R)  
Manager, Interventional Radiology  
Phone 713-745-4795  
Pager 713-404-1933  
[keenan@mdanderson.org](mailto:keenan@mdanderson.org)

Maria Montemayor  
Manager, MD Anderson West Houston and  
Bellaire  
Phone 281-994-0649  
[MTMontemayor@mdanderson.org](mailto:MTMontemayor@mdanderson.org)

Ramon Yap, III  
Manager, Computed Tomography  
Phone 713-563-2800  
Pager 713-404-1770  
[ramon.yap@mdanderson.org](mailto:ramon.yap@mdanderson.org)

Mary Cuellar, RT (R) (MR)  
Supervisor, Magnetic Resonance Imaging  
Phone 713-792-8282  
Pager 713-606-2041  
[mcuellar@mdanderson.org](mailto:mcuellar@mdanderson.org)

Christina DeMoss  
Senior Technologist, Cardiac Catheterization  
Lab  
Phone 713-792-4618  
[CDeMoss@mdanderson.org](mailto:CDeMoss@mdanderson.org)

Velvet Duncan, RT(R)  
Supervisor, Radiography/Fluoroscopy  
Phone 713-792-2554  
Pager 713-404-1507  
[Velvet.Duncan@mdanderson.org](mailto:Velvet.Duncan@mdanderson.org)

Shireen Elsayegh  
Supervisor, Radiography/Fluoroscopy  
Phone 713-563-5193  
Pager 713-606-2433  
[selsayegh@mdanderson.org](mailto:selsayegh@mdanderson.org)

Michael Everding  
Supervisor, MD Anderson West Houston and  
Bellaire  
Phone 281-994-0609  
[mteverding@mdanderson.org](mailto:mteverding@mdanderson.org)

Alma Faz, BS, RT (R)(CT)  
Supervisor, Computed Tomography  
Phone 713-792-0263  
Pager 713-404-1909  
[afaz@mdanderson.org](mailto:afaz@mdanderson.org)

Chris Fielding  
Supervisor, Computed Tomography  
Phone 713-792-5542  
Pager 713-404-2546  
[James.Fielding@mdanderson.org](mailto:James.Fielding@mdanderson.org)

Monica Hanks  
Supervisor, Radiography/Fluoroscopy  
Phone 713-732-2554  
[mhanks1@mdanderson.org](mailto:mhanks1@mdanderson.org)

Keath Henderson  
Supervisor, Interventional Radiology  
Phone 713-745-4794  
[keath.henderson@mdanderson.org](mailto:keath.henderson@mdanderson.org)

Jorge Hernandez  
Supervisor, Interventional Radiology  
Phone 713-745-4794  
[jorge.hernandez@mdanderson.org](mailto:jorge.hernandez@mdanderson.org)

Jeff Landry, RT(R)  
Supervisor, Radiography/Fluoroscopy  
Phone 713-792-2554  
Pager 713-404-1650  
[jlandry@mdanderson.org](mailto:jlandry@mdanderson.org)

Donnie Lester, RT (R)  
Supervisor, Magnetic Resonance Imaging  
Phone 713-792-8282  
Pager 713-404-3860  
[dlester@mdanderson.org](mailto:dlester@mdanderson.org)

David Martinez  
Supervisor, Computed Tomography  
Phone 713-792-8038  
[DMartinez2@mdanderson.org](mailto:DMartinez2@mdanderson.org)

Mohit Nath RT(R)(MR)  
Supervisor, Magnetic Resonance Imaging  
Phone 713-794-5941  
Pager 713-404-2014  
[mohit.nath@mdanderson.org](mailto:mohit.nath@mdanderson.org)

Pamela O'Dowd, RT(R)(MR), MRSO  
Supervisor, Magnetic Resonance Imaging  
Phone 713-792-8282  
[paodowd@mdanderson.org](mailto:paodowd@mdanderson.org)

Leejo Puthooran, RT (R)(MR)  
Supervisor, Magnetic Resonance Imaging  
Phone 713-563-7158  
Pager 713-606-2855  
[lputhoo@mdanderson.org](mailto:lputhoo@mdanderson.org)

Cristy Reyes  
Supervisor, Computed Tomography  
Phone 713-794-1403  
[MCReyes2@mdanderson.org](mailto:MCReyes2@mdanderson.org)

Lisa Solis  
Supervisor, Computed Tomography  
Phone 713-745-2084  
Pager 713-404-2546  
[Lisa.Nunez@mdanderson.org](mailto:Lisa.Nunez@mdanderson.org)

Christopher Williams  
Supervisor, Computed Tomography  
Phone 713-563-4055  
[cwilliams5@mdanderson.org](mailto:cwilliams5@mdanderson.org)

## Affiliate Contacts

Gwendolyn Amos  
Lead CT Technologist  
Houston Methodist Hospital  
Phone 713-441-2754  
[gamos@houstonmethodist.org](mailto:gamos@houstonmethodist.org)

Margaret Blanco  
Lead CT Technologist  
Memorial Hermann Southwest  
Phone 713-456-4052  
[margaret.blanco@memorialhermann.org](mailto:margaret.blanco@memorialhermann.org)

Angelic P. Bush  
Director of Radiology  
Department of Radiology  
UTMB Galveston  
Phone 409-772-2433  
[apbush@utmb.edu](mailto:apbush@utmb.edu)

Dennis Carroll, RT(R)  
Manager, Radiology  
Houston Methodist Hospital  
Phone 713-441-1078  
[dcarroll@tmhs.org](mailto:dcarroll@tmhs.org)

Maria Chaljub-Romero  
Supervisor, Radiology  
Houston Methodist Hospital  
Phone 713-441-1078  
[mchaljub@houstonmethodist.org](mailto:mchaljub@houstonmethodist.org)

Natasha Chargois, RT(R)(CT)  
MRI Supervisor  
Michael E. DeBakey VAMC  
Phone 713-791-1414 ext. 3838  
Pager 281-262-2344  
[Natasha.Chargois@va.gov](mailto:Natasha.Chargois@va.gov)

Monica DeLaTorre  
Lead CT Technologist  
Texas Children's Hospital  
Phone 832-824-5353  
[mrdelato@texaschildrens.org](mailto:mrdelato@texaschildrens.org)

John Farris, III  
Manager, CT  
Memorial Hermann Southwest  
Phone 713-456-4052  
[john.farris@memorialhermann.org](mailto:john.farris@memorialhermann.org)

Krista Finster, MS, BS, RT(R)(MR)  
MRI Manager  
Texas Children's Hospital  
Phone 832-826-8456  
[kkfinste@texaschildrens.org](mailto:kkfinste@texaschildrens.org)

Wade Friedeck, MSRS, RT(MR)  
Assistant Hospital Administrator  
College of Veterinary Medicine – Texas A&M  
University  
Phone 979-862-3462  
[wfriedeck@cvm.tamu.edu](mailto:wfriedeck@cvm.tamu.edu)

Yvette Gilmore, BBA, RT(R)(M)  
Manager, O'Quinn Outpatient Imaging  
CHI St. Luke's Health  
Baylor St. Luke's Medical Center  
Phone 832-355-8113  
[ygilmore@stlukeshealth.org](mailto:ygilmore@stlukeshealth.org)

Austen Holten  
Manager, Radiology  
Memorial Hermann, T.I.R.R.  
Phone 713-797-5295  
[Austen.holten@memorialhermann.org](mailto:Austen.holten@memorialhermann.org)

Vinoth P. Joseph, RT(R)(CT)(MR)  
Manager, Radiology Services  
Memorial Hermann Hospital Southwest  
Phone 713-456-6507  
[vinoth.joseph2@memorialhermann.org](mailto:vinoth.joseph2@memorialhermann.org)

Kevin Martin  
Supervisor, IR  
Baylor St. Luke's Medical Center  
Phone 832-355-3010  
[kmartin1@sleh.com](mailto:kmartin1@sleh.com)

Raina Minascheck, RN  
Manager, Endovascular Radiology  
Houston Methodist Hospital, TMC  
Phone 713-441-8088  
[rminaschek@houstonmethodist.org](mailto:rminaschek@houstonmethodist.org)

Charles Mitchell  
Manger, CT & IR  
Michael E. DeBakey VA Medical Center  
Phone 713-791-1414 ext 26797  
[charles.mitchell@va.gov](mailto:charles.mitchell@va.gov)

Ponnada A. Narayana, Ph.D.  
Professor of Radiology  
The University of Texas Health Science Center  
at Houston  
Phone 713-500-7677  
[Ponnada.a.narayana@uth.tmc.edu](mailto:Ponnada.a.narayana@uth.tmc.edu)

Odonia Ortiz, RT(R)  
Supervisor, Radiology  
Michael E. DeBakey VAMC  
Phone 713-791-1414 ext. 24444  
[odona.ortiz@va.gov](mailto:odona.ortiz@va.gov)

Roy Phillip, RT, (R)(CT)  
Manager, CT  
Houston Methodist Hospital  
Phone 713-441-1155  
Pager 281-735-9733

Priscilla Pollard, RT(R)(CT)  
Manager, Imaging and Diagnostic Radiology  
Memorial Hermann Hospital, TMC  
Phone 713-704-5148  
[Priscilla.Pollard@memorialhermann.org](mailto:Priscilla.Pollard@memorialhermann.org)

Miguel Roman Garcia, MBA, RT(R)(MR)  
Physician Relations & Imaging Specialist  
Memorial Hermann Surgical Hospital -  
First Colony  
Phone 281-243-1000 ext. 2020  
[mromang@uspi.com](mailto:mromang@uspi.com)

Seferino Romo, RT(R)(MR)  
MRI Clinical Educator Imaging Services  
Memorial Hermann Hospital  
Phone 713-704-6211  
Pager 713-704-7243/29105  
[seferino.romo@memorialhermann.org](mailto:seferino.romo@memorialhermann.org)

Melvin Senega  
Manager, Radiology, CT/Diagnostic Radiology  
UTMB Galveston  
Phone 409-201-1448  
[mdsenega@utmb.edu](mailto:mdsenega@utmb.edu)

Christine Sholar  
Manager, CT  
Texas Children's Hospital  
Phone 832-824-5353  
[mcsolar@texaschildrens.org](mailto:mcsolar@texaschildrens.org)

Kim Phuong Tran, RT(R)(MR)  
MRI Chief Technologist  
Houston Methodist Hospital  
Phone 713-441-0376  
[pktran@houstonmethodist.org](mailto:pktran@houstonmethodist.org)

Long Tran  
Manager, CT  
Memorial Hermann Hospital – TMC Email:  
[Long.Tran2@memorialhermann.org](mailto:Long.Tran2@memorialhermann.org)

Shannon Thompson  
Lead Technologist, CT  
Phone 713-704-1237  
[Shannon.Thompson@memorialhermann.org](mailto:Shannon.Thompson@memorialhermann.org)

Juan “Jerry” Valenzuela, RT(R)(MR)  
MRI Team Lead, Imaging Services  
Memorial Hermann Southeast Hospital  
Phone 281-929-4132  
[juan.valenzuela@memorialhermann.org](mailto:juan.valenzuela@memorialhermann.org)

Andrea Vinson, MBA, RT(N),CNMT  
Manager, Nuclear Medicine, PET/CT and MRI  
Houston Methodist Hospital  
Phone 713-441-4860  
[avinson@tmhs.org](mailto:avinson@tmhs.org)

Morgan Warner  
Radiology Supervisor  
Memorial MRI & Diagnostic  
Phone 713-461-3399  
[mmyers@memorialdiagnostic.com](mailto:mmyers@memorialdiagnostic.com)

Ali Westervelt  
Manager, CT & MRI  
Baylor St. Luke's Medical Center  
[awestervelt@stlukeshhealth.org](mailto:awestervelt@stlukeshhealth.org)

Denise Wheeler  
Manager, IR  
Texas Children's Hospital  
Phone: 832-824-5284

Justin Zelenak  
Manager  
CHI St. Luke's Health  
Baylor St. Luke's Medical Center  
[JZelenak@stlukeshhealth.org](mailto:JZelenak@stlukeshhealth.org)

Ona Zepeda  
Lead Technologist, CT  
Baylor St. Luke's Medical Center  
[ozepeda@stlukeshhealth.org](mailto:ozepeda@stlukeshhealth.org)

# The University of Texas MD Anderson Cancer Center

## Mission

The mission of The University of Texas MD Anderson Cancer Center is to eliminate cancer in Texas, the nation, and the world through outstanding programs that integrate patient care, research and prevention, and through education for undergraduate and graduate students, trainees, professionals, employees and the public.

## Vision

We shall be the premier cancer center in the world, based on the excellence of our people, our research-driven patient care and our science. We are Making Cancer History™.

## Core Values

### Caring

By our words and actions we create a caring environment for everyone.

- We are sensitive to the concerns of our patients and our co-workers.
- We are respectful and courteous to each other at all times.
- We promote and reward teamwork and inclusiveness.

### Integrity

We work together to merit the trust of our colleagues and those we serve.

- We hold ourselves, and each other, accountable for practicing our values.
- We communicate frequently, honestly and openly.
- By our actions, we create an environment of trust.

### Discovery

We embrace creativity and seek new knowledge.

- We help each other to identify and solve problems.
- We seek personal growth and enable others to do so.
- We encourage learning, creativity and new ideas.

# School of Health Professions

## Mission

The School of Health Professions, in concert with the mission and visions of The University of Texas MD Anderson Cancer Center, is committed to the education of health care professionals, through formal academic programs that award institutional certificates and degrees in health sciences.

## Vision

The University of Texas MD Anderson Cancer Center School of Health Professions faculty is committed to:

**Setting** the standard for world-class didactic and clinical instruction necessary for program graduates to perform procedures within a specialty area, to integrate and relate clinical data, and to solve problems related to the production of clinical results.

**Meeting** the current and future needs of health science professions by developing and implementing formal academic didactic and clinical education programs incorporating state-of-the-art diagnostic and treatment techniques.

**Developing** understanding and appreciating research and quality management programs; providing the skills necessary to establish quality control measures and to make appropriate decisions to maintain accuracy and precision.

**Instilling** a professional code of conduct related to patients, health care professionals and the public that demonstrates the highest regard for human dignity and life.

**Identifying** the value of lifelong learning of students and graduates through continued education and professional competence.

# Diagnostic Imaging Program

## Mission

The mission of the Diagnostic Imaging Program is to provide the highest quality of education to diagnostic imaging students through formal didactic and state-of-the-art clinical experiences that prepare our students to be diagnostic imaging professionals who are patient care focused, critical thinkers and engaged in lifelong learning.

## Vision

We shall be the premier educational program in Diagnostic Imaging by providing innovative curricular, clinical and continuing education services to the diagnostic imaging community and the patients we serve.

## Goals and Student Learning Outcomes

Fulfillment of the program's mission is assessed by the program's effectiveness and the degree to which the program achieves the goals and learning outcomes that will enable our students to succeed academically and professionally.

**Goal 1** Students will develop patient care focus by providing superior patient care.

*Student Learning Outcomes:*

1. Students will provide empathetic professional patient care.
2. Student will demonstrate judicious use of ionizing radiation.

**Goal 2** Students will demonstrate critical thinking skills in the clinical environment.

*Student Learning Outcomes:*

1. Students will competently perform non-routine procedures.
2. Students will appropriately evaluate images.

**Goal 3** Students will adopt a philosophy of life-long learning through continuing education and professional involvement.

*Student Learning Outcomes:*

1. Students will demonstrate personal growth.
2. Students will demonstrate a sense of professionalism and desire to learn.

**Goal 4** Students will embrace the MD Anderson core values of caring, integrity, and discovery.

*Student Learning Outcome:* Students will demonstrate the core values of caring, integrity, and discovery.

**Goal 5** Students will communicate effectively in a variety of settings.

*Student Learning Outcomes:*

1. Students will be able to use effective oral communication in the clinical settings.
2. Students will communicate effectively during oral presentation of projects.

# Diagnostic Imaging Program Computed Tomography Emphasis

## Mission

The mission of the Diagnostic Imaging Program Computed Tomography Emphasis is to provide the highest quality of education to Computed Tomography students through formal didactic and state-of-the-art clinical experiences that prepare our students to be Computed Tomography professionals who are patient care focused, critical thinkers and engaged in lifelong learning.

## Vision

We shall be the premier educational program in Computed Tomography by providing innovative curricular, clinical and continuing education services to the diagnostic imaging community and the patients we serve.

## Goals and Student Learning Outcomes

Fulfillment of the program's mission is assessed by the program's effectiveness and the degree to which the program achieves the goals and learning outcomes that will enable our students to succeed academically and professionally.

**Goal 1** Students will develop patient care focus by providing superior patient care.

*Student Learning Outcomes:*

3. Students will provide empathetic professional patient care.
4. Student will demonstrate judicious use of ionizing radiation as it relates to Computed Tomography and/or Vascular Interventional Radiography.

**Goal 2** Students will demonstrate critical thinking skills in the clinical environment.

*Student Learning Outcomes:*

3. Students will competently perform non-routine procedures.
4. Students will appropriately evaluate images.

**Goal 3** Students will adopt a philosophy of life-long learning through continuing education and professional involvement.

*Student Learning Outcomes:*

3. Students will demonstrate personal growth.
4. Students will demonstrate a sense of professionalism and desire to learn.

**Goal 4** Students will embrace the MD Anderson core values of caring, integrity, and discovery.

*Student Learning Outcome:* Students will demonstrate the core values of caring, integrity, and discovery.

**Goal 5** Students will communicate effectively in a variety of settings.

*Student Learning Outcomes:*

3. Students will be able to use effective oral communication in the clinical settings.
4. Students will communicate effectively during oral presentation of projects.



# Diagnostic Imaging Program MRI Emphasis

## Mission

The mission of the Diagnostic Imaging Program Magnetic Resonance Imaging Emphasis is to provide the highest quality of education to magnetic resonance imaging students through formal didactic and state-of-the-art clinical experiences that prepare our students to be magnetic resonance imaging professionals who are patient care focused, critical thinkers and engaged in lifelong learning.

## Vision

We shall be the premier educational program in Magnetic Resonance Imaging by providing innovative curricular, clinical and continuing education services to the diagnostic imaging community and the patients we serve.

## Goals and Student Learning Outcomes

Fulfillment of the program's mission is assessed by the program's effectiveness and the degree to which the program achieves the goals and learning outcomes that will enable our students to succeed academically and professionally.

**Goal 1** Students will develop patient care focus by providing superior patient care.

*Student Learning Outcomes:*

1. Students will provide empathetic professional patient care.
2. Student will demonstrate judicious use of magnetic fields and radiofrequencies.

**Goal 2** Students will demonstrate critical thinking skills in the clinical environment.

*Student Learning Outcomes:*

1. Students will competently perform non-routine procedures.
2. Students will appropriately evaluate images.

**Goal 3** Students will adopt a philosophy of life-long learning through continuing education and professional involvement.

*Student Learning Outcomes:*

1. Students will demonstrate continued competency through life-long learning.
2. Students will demonstrate a sense of professionalism and desire to learn.

**Goal 4** Students will embrace the MD Anderson core values of caring, integrity, and discovery.

*Student Learning Outcome:* Students will demonstrate the core values of caring, integrity, and discovery.

**Goal 5** Students will communicate effectively in a variety of settings.

*Student Learning Outcomes:*

1. Students will be able to use effective oral communication in the clinical settings.
2. Students will communicate effectively during oral presentation of projects.

# Course Sequences

## Track 1

### Program in Diagnostic Imaging Radiography Sophomore (1<sup>st</sup> year) 2018-2019

<b>Fall Semester (August-December)</b>		<b>13 SCH</b>
DI 2161	Clinical Education I	1
DI 2221	Patient Care in Radiologic Sciences	2
DI 2301*	Principles of Radiographic Exposure I	2
DI 2331*	Radiographic Anatomy and Positioning I Labs	3
HS 3370	Fundamentals of Writing and Critical Thinking	3
HS 4100	Issues in Health Care Ethics	1
RT 4101	Radiation Safety and Protection	1
<b>Spring Semester (January-April)</b>		<b>11 SCH</b>
DI 2262*	Clinical Education II	2
DI 2332*	Radiographic Anatomy and Positioning II	2
DI 2342*	Principles of Radiographic Exposure II	3
DI 3352	Professional Literature Review	3
HS 4101	Diversity and Cultural Competence	1
<b>Summer Semester (May-August)</b>		<b>7 SCH</b>
DI 2263	Clinical Education III	2
DI 2333*	Radiographic Anatomy and Positioning III	3
DI 3250	Imaging Pathology	2

\*Lab fee: \$30

**Program in Diagnostic Imaging  
Radiography  
Junior (2nd year) 2018-2019**

<b>Fall Semester (August-December)</b>		<b>10 SCH</b>
DI 2334*	Radiographic Anatomy and Positioning IV	3
DI 3243*	Quality Management in Radiology	2
DI 3261	Clinical Education IV	2
DI 4300	Research Techniques in Radiologic Sciences	3

<b>Spring Semester (January-April)</b>		<b>12 SCH</b>
DI 2335*	Radiographic Anatomy and Positioning V	3
DI 3242	Digital Imaging	2
DI 3262	Clinical Education V	2
DI 4301	Independent Research Project	3
RT 4210	Radiobiology	2

<b>Summer Semester (May-August)</b>		<b>5 SCH</b>
DI 3200	Capstone Registry Review	2
DI 3263	Clinical Education VI	2
HS 4111	Medical Law	1

**\*Lab fee: \$30**

**Program in Diagnostic Imaging  
Computed Tomography Emphasis  
Senior (3<sup>rd</sup> year) 2018-2019**

<b>Fall Semester (August-December)</b>		<b>9 SCH</b>
DI 4351*	CT Physics I	3
DI 4352*	CT Procedures of the Nervous System	3
DI 4393	Internship I - CT	3

<b>Spring Semester (January-April)</b>		<b>9 SCH</b>
DI 4353*	CT Physics II	3
DI 4354	CT Procedures of the Chest, Abdomen and Pelvis	3
DI 4394*	Internship II - CT	3

<b>Summer Semester (May-August)</b>		<b>12 SCH</b>
DI 4355	Advanced Interventional CT Procedures and Instrumentation	3
DI 4356*	CT Procedures of the Extremities	3
DI 4357	CT and Interventional Comprehensive Review	3
DI 4395*	Internship III - CT	3

**\*Lab fee: \$30**

**Program in Diagnostic Imaging  
 Computed Tomography with Vascular Interventional Emphasis  
 Senior (3<sup>rd</sup> year) 2018-2019**

<b>Fall Semester (August-December)</b>		<b>9 SCH</b>
DI 4351*	CT Physics I	3
DI 4352*	CT Procedures of the Nervous System	3
DI 4393	Internship I - CT	3
<b>Spring Semester (January-April)</b>		<b>12 SCH</b>
DI 4353*	CT Physics II	3
DI 4354	CT Procedures of the Chest, Abdomen and Pelvis	3
DI 4358	Vascular/Nonvascular Interventional Procedures	3
DI 4394*	Internship II - CT	3
<b>Summer Semester (May-August)</b>		<b>12 SCH</b>
DI 4355	Advanced Interventional CT Procedures and Instrumentation	3
DI 4356*	CT Procedures of the Extremities	3
DI 4357	CT Comprehensive Review	3
DI 4359	Vascular Interventional Comprehensive Review	3
DI 4395*	Internship III – CT and/or VI	3

**\*Lab fee: \$30**

**Program in Diagnostic Imaging  
Education Emphasis  
Senior (3<sup>rd</sup> year) 2018-2019**

<b>Fall Semester (August-December)</b>		<b>6 SCH</b>
DI 4313	Education Internship I	3
DI 4323	Management Skills for a New Supervisor	3
<b>Spring Semester (January-April)</b>		<b>12 SCH</b>
DI 4310	Teaching Strategies in Healthcare Education	3
DI 4314	Education Internship II	3
DI 4319	Fiscal Analysis in Health Care	3
DI 4322	Effective Human Resources Management	3
<b>Summer Semester (May-August)</b>		<b>12 SCH</b>
DI 4311	Instructional Design	3
DI 4315	Issues in Health Care Education	3
DI 4316	Leadership in Radiologic Sciences	3
DI 4326	Individual Project	3

**Program in Diagnostic Imaging  
Magnetic Resonance Imaging Emphasis  
Senior (3<sup>rd</sup> year) 2018-2019**

<b>Fall Semester (August-December)</b>		<b>9 SCH</b>
DI 4361*	MRI Physics I: Physics, Instrumentation and Safety	3
DI 4364*	MRI of the Extremities	3
DI 4390	Internship I	3
<b>Spring Semester (January-April)</b>		<b>9 SCH</b>
DI 4363*	MRI Physics II: Advanced MRI Procedures, Contrast Agents and Quality Assurance	3
DI 4366*	MRI of the Chest, Abdomen and Pelvis	3
DI 4391	Internship II	3
<b>Summer Semester (May-August)</b>		<b>12 SCH</b>
DI 4362*	MRI of the Nervous System	3
DI 4365*	Special Topics and Future Directions in MRI	3
DI 4367	MRI Comprehensive Review	3
DI 4392	Internship III	3

**\*Lab fee: \$30**

**Program in Diagnostic Imaging  
Management Emphasis  
Senior (3<sup>rd</sup> year) 2018-2019**

<b>Fall Semester (August-December)</b>		<b>6 SCH</b>
DI 4323	Management Skills for a New Supervisor	3
DI 4324	Internship I	3
<b>Spring Semester (January-April)</b>		<b>9 SCH</b>
DI 4319	Fiscal Analysis in Health Care	3
DI 4321	Operations Management	3
DI 4322	Effective Human Resources Management	3
<b>Summer Semester (May-August)</b>		<b>15 SCH</b>
DI 4316*	Leadership in Radiologic Sciences	3
DI 4317	Staff Development	3
DI 4318	Promotional Strategies in Radiological Sciences	3
DI 4320	Current Trends in Healthcare Management	3
DI 4328	Internship II	3



## Track 2

### Program in Diagnostic Imaging Computed Tomography Emphasis Senior 2018-2019

<b>Fall Semester (August-December)</b>		<b>16 SCH</b>
DI 4300	Research Techniques in Radiologic Sciences	3
DI 4351*	CT Physics I	3
DI 4352*	CT Procedures of the Nervous System	3
DI 4393	Internship I - CT	3
HS 3370	Fundamentals of Writing and Critical Thinking	3
HS 4100	Issues in Health Care Ethics	1

<b>Spring Semester (January-April)</b>		<b>13 SCH</b>
DI 4301	Research Project	3
DI 4353*	CT Physics II	3
DI 4354	CT Procedures of the Chest, Abdomen and Pelvis	3
DI 4394*	Internship II - CT	3
HS 4101	Diversity and Cultural Competence	1

<b>Summer Semester (May-August)</b>		<b>13 SCH</b>
DI 4355	Advanced Interventional CT Procedures and Instrumentation	3
DI 4356*	CT Procedures of the Extremities	3
DI 4357	CT and Interventional Comprehensive Review	3
DI 4395*	Internship III - CT	3
HS 4111	Medical Law	1

\*Lab fee: \$30

**Program in Diagnostic Imaging  
Computed Tomography with Vascular Interventional Emphasis  
Senior 2018-2019**

<b>Fall Semester (August-December)</b>		<b>16 SCH</b>
DI 4300	Research Techniques in Radiologic Sciences	3
DI 4351*	CT Physics I	3
DI 4352*	CT Procedures of the Nervous System	3
DI 4393	Internship I - CT	3
HS 3370	Fundamentals of Writing and Critical Thinking	3
HS 4100	Issues in Health Care Ethics	1

<b>Spring Semester (January-April)</b>		<b>16 SCH</b>
DI 4353*	CT Physics II	3
DI 4354	CT Procedures of the Chest, Abdomen and Pelvis	3
DI 4358	Vascular/Nonvascular Interventional Procedures	3
DI 4394*	Internship II - CT	3
DI 4301	Research Project	3
HS 4101	Diversity and Cultural Competence	1

<b>Summer Semester (May-August)</b>		<b>16 SCH</b>
DI 4355	Advanced Interventional CT Procedures and Instrumentation	3
DI 4356*	CT Procedures of the Extremities	3
DI 4357	CT and Interventional Comprehensive Review	3
DI 4359	Interventional Radiography Comprehensive Review	3
DI 4395*	Internship III – CT and/or VI	3
HS 4111	Medical Law	1

**\*Lab fee: \$30**

**Program in Diagnostic Imaging  
Education Emphasis  
Senior 2018-2019**

<b>Fall Semester (August-December)</b>		<b>13 SCH</b>
DI 4300	Research Techniques in Radiologic Sciences	3
DI 4313	Education Internship I	3
DI 4323	Management Skills for a New Supervisor	3
HS 3370	Fundamentals of Writing and Critical Thinking	3
HS 4100	Ussies in Health Care Ethics	1
<b>Spring Semester (January-April)</b>		<b>16 SCH</b>
DI 4301	Research Project	3
DI 4310	Teaching Strategies in Healthcare Education	3
DI 4314	Education Internship II	3
DI 4319	Fiscal Analysis in Health Care	3
DI 4322	Effective Human Resources Management	3
HS 4101	Diversity and Cultural Competence	1
<b>Summer Semester (May-August)</b>		<b>12 SCH</b>
DI 4311	Instructional Design	3
DI 4315	Issues in Health Care Education	3
DI 4316	Leadership in Radiologic Sciences	3
DI 4326	Individual Project	3
HS 4111	Medical Law	1

**Program in Diagnostic Imaging  
Magnetic Resonance Imaging Emphasis  
Senior 2018-2019**

<b>Fall Semester (August-December)</b>		<b>16 SCH</b>
DI 4300	Research Techniques in Radiologic Sciences	3
DI 4361*	MRI Physics I: Physics, Instrumentation and Safety	3
DI 4364*	MRI of the Extremities	3
DI 4390	Internship I	3
HS 3370	Fundamentals of Writing and Critical Thinking	3
HS 4100	Issues in Health Care Ethics	1

<b>Spring Semester (January-April)</b>		<b>13 SCH</b>
DI 4363*	MRI Physics II: Advanced MRI Procedures, Contrast Agents and Quality Assurance	3
DI 4366*	MRI of the Chest, Abdomen and Pelvis	3
DI 4391	Internship II	3
DI 4301	Research Project	3
HS 4101	Diversity and Cultural Competence	1

<b>Summer Semester (May-August)</b>		<b>13 SCH</b>
DI 4362*	MRI of the Nervous System	3
DI 4365*	Special Topics and Future Directions in MRI	3
DI 4367	MRI Comprehensive Review	3
DI 4392	Internship III	3
HS 4111	Medical Law	1

**\*Lab fee: \$30**

**Program in Diagnostic Imaging  
Management Emphasis  
Senior 2018-2019**

<b>Fall Semester (August-December)</b>		<b>13 SCH</b>
DI 4300	Research Techniques in Radiologic Sciences	3
DI 4323	Management Skills for a New Supervisor	3
DI 4324	Internship I	3
HS 3370	Fundamentals of Writing and Critical Thinking	3
HS 4100	Issues in Health Care Ethics	1
<b>Spring Semester (January-April)</b>		<b>13 SCH</b>
DI 4301	Research Project	3
DI 4319	Fiscal Analysis in Health Care	3
DI 4321	Operations Management	3
DI 4322	Effective Human Resources Management	3
HS 4101	Diversity and Cultural Competence	1
<b>Summer Semester (May-August)</b>		<b>15 SCH</b>
DI 4316*	Leadership in Radiologic Sciences	3
DI 4317	Staff Development	3
DI 4318	Promotional Strategies in Radiological Sciences	3
DI 4320	Current Trends in Healthcare Management	3
DI 4328	Internship II	3
HS 4111	Medical Law	1

# Diagnostic Imaging Program Policies

DIAGNOSTIC IMAGING PROGRAM POLICY # DI 1.01  
Statement of Policy Changes

DIAGNOSTIC IMAGING PROGRAM POLICY # DI 1.02  
Professional Liability

DIAGNOSTIC IMAGING PROGRAM POLICY # DI 1.03  
Reporting Illness

DIAGNOSTIC IMAGING PROGRAM POLICY # DI 1.04  
Program Communication

DIAGNOSTIC IMAGING PROGRAM POLICY # DI 1.05  
Professional Conduct

DIAGNOSTIC IMAGING PROGRAM POLICY # DI 1.06  
Blogging and Social Networking

DIAGNOSTIC IMAGING PROGRAM POLICY # DI 1.07  
Statement of Criminal Conduct

DIAGNOSTIC IMAGING PROGRAM POLICY # DI 1.08  
Representation on SHP Student Congress

DIAGNOSTIC IMAGING PROGRAM POLICY # DI 1.09  
Lambda Nu/Honors Recognition

DIAGNOSTIC IMAGING PROGRAM POLICY # DI 1.10  
Release for Registry Examination

DIAGNOSTIC IMAGING PROGRAM POLICY # DI 1.11  
Release of Student Information

DIAGNOSTIC IMAGING PROGRAM POLICY # DI 1.12  
Due Process

DIAGNOSTIC IMAGING PROGRAM POLICY # DI 1.13  
Dismissal

DIAGNOSTIC IMAGING PROGRAM POLICY # DI 1.14  
Readmission

## **STATEMENT OF POLICY CHANGES**

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### **PURPOSE**

Due to constantly changing conditions, The University of Texas MD Anderson Cancer Center Program in Diagnostic Imaging reserves the right to make such changes in policy as may be deemed necessary upon approval of the Program officials and/or the Advisory Committee, as appropriate.

Students will be informed immediately of any changes in policies in writing and are, therefore, responsible for compliance upon receiving this information.

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### **POLICY STATEMENT**

Students will be immediately informed of any changes in policies. Policy changes will be distributed in writing. Students will indicate their understanding and knowledge of the policy change by signing a statement of understanding. Upon signing the students are held responsible for compliance to the policy.

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### **SCOPE**

The entire student body of the Diagnostic Imaging Program.

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### **PROCEDURE**

- 1.0** Policy changes will be distributed to the students no later than 10 class days from the date of approval.
- 2.0** Students are required to sign a copy of the new policy to provide evidence of their understanding and knowledge of the policy change.

## **PROFESSIONAL LIABILITY**

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### **PURPOSE**

For the protection of each student as well as the patients, The University of Texas MD Anderson Cancer Center provides professional liability insurance while students are enrolled in the program.

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### **POLICY STATEMENT**

MD Anderson Cancer Center provides professional liability insurance for students during the length of the program.

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### **SCOPE**

The entire student body of the Diagnostic Imaging Program.

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### **PROCEDURE**

The SHP Dean's Office will purchase professional liability insurance for all students once they enter the program and it will be maintained until their graduation from the program.



## **REPORTING ILLNESS**

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### **PURPOSE**

For the protection of each student as well as the patients and The University of Texas MD Anderson Cancer Center and its affiliates, the program requires students who have or suspect they have a contagious illness to notify the Program Faculty and not attend clinical or didactic courses.

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### **POLICY STATEMENT**

Any student who has a fever of greater than 98.6 degrees Fahrenheit, a known contagious illness or suspects that he/she has a contagious illness cannot attend clinical or didactic courses. Students must have a physician's clearance to return to class or clinic.

---

### **SCOPE**

The entire student body of the Diagnostic Imaging Program.

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### **PROCEDURE**

- 1.0** Students who are ill must follow the Diagnostic Imaging Attendance Policy as addressed by the course syllabus.
- 2.0** Students who knowingly attend clinical education or classes with a contagious illness will follow the due process.
- 3.0** Students missing multiple days may be required to submit a physician's clearance to return to the clinic or classroom.

## **PROGRAM COMMUNICATION**

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### **PURPOSE**

The Diagnostic Imaging program officials need to be in constant communication with students. Electronic messages have proven to be the most effective mode of communication.

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### **POLICY STATEMENT**

Students are required to monitor Sakai daily. Additionally, your e-mail address must be updated with the Diagnostic Imaging Program officials throughout your participation in the program. Announcements, individual information and updates will be communicated to students via the Sakai messaging system or MD Anderson electronic mail.

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### **SCOPE**

The entire body of the Diagnostic Imaging Program.

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### **PROCEDURE**

- 1.0** Students will provide the Diagnostic Imaging Program officials and Sakai with an active, frequently visited e-mail address. All changes in e-mail addresses must be submitted in writing to the program's administration and updated on Sakai.
- 2.0** Students are required to check Sakai and MD Anderson electronic email for messages from the program faculty at least twice daily.

**PROFESSIONAL CONDUCT**

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**PURPOSE**

It is a Program goal to provide our professional community with well-rounded, competent radiologic technologists. To help achieve professionalism, students will be reminded of and evaluated on the performance that reflects a professional position such as:

1. Concern for patient welfare
2. Integrity
3. Responsibility
4. Initiative
5. Dependability
6. Awareness
7. Interpersonal interactions
8. Self-confidence
9. Reaction to feedback
10. Adherence to policies and procedures

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**POLICY STATEMENT**

Any student who commits a major infraction may be dismissed for any single violation since these acts by their seriousness ordinarily preclude being given another chance. A student shall be dismissed without warning only for a serious breach of accepted standards of conduct. In general, major infractions are deliberate acts of misconduct. The following list, while representative, is not intended to be all inclusive of major infractions:

1. Any abusive or discourteous action to or about a patient, visitor, instructor or student.
2. Unauthorized removal of property belonging to UT and/or affiliate, a patient, visitor, or employee, instructor, student
3. Willful destruction of UT and/or affiliate property
4. Conviction of a felony offense
5. Fighting, hazing or dangerous horseplay
6. Defrauding, attempting to defraud, or falsification of any of the UT and/or affiliate records or documents.
7. Acquisition, discussion, or release of confidential information regarding patient care, research, employment, or other official UT and/or affiliate operations.
8. Use or possession of intoxicants or mind-altering substances (also see School of Health Professions Catalog)
9. Willful violation of safety regulations
10. Insubordination
11. Gambling
12. Use of insulting, abusive, or obscene language
13. Academic dishonesty. The Program in Diagnostic Imaging expects and requires academic honesty from all students enrolled. Cheating, plagiarism and falsification of documents will not be tolerated.
14. Failure to adhere to clinical schedules.
15. Performing clinical activities without direct supervision.
16. Failure to report patient related incidents

## 17. Disrupting clinical operations

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### **SCOPE**

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All enrolled Diagnostic Imaging Students.

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### **PROCEDURE**

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- 1.0** Students found in violation of major infraction will be immediately dismissed from the program.
  - 1.1 Students are required to surrender their MD Anderson issued equipment i.e. radiation control badge, name badge etc.
  - 1.2 Students must leave the clinical or academic setting.
  - 1.3 If warranted, students may be escorted from the campus by security.
- 2.0** A student may file a grievance according to the policy outlined in the SHP catalog.

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### **REFERENCE**

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School of Health Professions Catalog, Grievance Procedure

## **BLOGGING AND SOCIAL NETWORKING**

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### **PURPOSE**

To protect confidential and/or trade secret information when posting blogs and/or contributing to or through and social networking site.

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### **POLICY STATEMENT**

Students should avoid all discussion of personalities, etc., involving program faculty, clinical instructors, other students, doctors, hospital personnel and patients. Students must refrain from discussion of problems, issues, or negative experiences encountered either in the School of Health Professions, in the Division of Diagnostic Imaging, or in any other outside clinical affiliates on any social network.

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### **SCOPE**

All enrolled Diagnostic Imaging Students

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### **PROCEDURE**

**1.0** The following are guidelines that should be followed when creating blogs, commenting on a blog, creating a LinkedIn profile, using Facebook, and/or engaging in any other social networking, including contributing to or through any of the other online media.

**1.1 PERSONAL EXPRESSION**

- A. Personal blogs and social networking contain the views of a particular student, not the views of the SHP and/or clinical education setting. However, readers may not immediately appreciate this concept and the student may be held liable as representing the views of the program and/or clinical education setting.
- B. Therefore, students are advised not to discuss clinical experiences while using social networking sites.

**1.2 PROTECT CONFIDENTIAL/TRADE SECRET INFORMATION**

When posting blogs and/or contributing to or through any social networking site, students must refrain from disclosing confidential, proprietary, sensitive and/or trade secret information of the clinical education setting and outside clinical affiliates.

**1.3 BE RESPECTFUL AND EXERCISE COMMON SENSE**

- A. All blogs and social networking contributing must comply with the SHP and Diagnostic Imaging Program policies and procedures including but not limited to the SHP Student Compact.

- B. When posting to your blog and/or contributing to or through any social networking site, be respectful of others.
  - C. Assume program faculty, other students, clinical education personnel and potential future employers are reading your blogs and contributions.
- 2.0** The SHP Diagnostic Imaging Program will determine, in its sole discretion, whether a particular blog or social networking use violates the profession, the program and/or school policies.
- 3.0** As with all other policies, violation of this policy may result in disciplinary action up to and including dismissal from the program.

## **STATEMENT OF CRIMINAL CONDUCT**

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### **PURPOSE**

For the safety of the patients and personnel The University of Texas MD Anderson Cancer Center conducts a Criminal Background Check on all School of Health Professions students. Passing the SHP Criminal Background Check does not ensure ARRT registry eligibility.

You should be aware that any conduct or activities that have violated the American Registry of Radiologic Technologists (ARRT) "Rules of Ethics" may impair your eligibility to take the certification examination given by the ARRT. Violations of the "Rules and Ethics" that must be reported include convictions of crimes as "a felony, a gross misdemeanor, or a misdemeanor with the sole exception of speeding or parking violations. All alcohol and/or drug related offenses must be reported."

Each student will be required to complete a Criminal Conduct Statement. Declaration of any violations of the "Rules of Ethics" must be reported, by the student, to the ARRT and will be assessed through the ARRT's Rules and Regulations.

---

### **POLICY STATEMENT**

The SHP conducts background checks on all student body. The Program reserves the right to dismiss any student with a criminal history. Each student will sign a statement of their understanding of this policy.

---

### **SCOPE**

All enrolled Diagnostic Imaging Students,

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### **PROCEDURE**

- 1.0 Prior to orientation each student will receive information on the preferred company to complete the background check. Students who do not pass the background check will forfeit their position in the program.
- 2.0 During orientation students will be instructed on the Ethics requirements of the ARRT.
  - 2.1 Each student must sign criminal conduct statements.
  - 2.2 Students who do not meet the ARRT eligibility requirements to sit for the national certification examination will forfeit their position in the program and be instructed on how to receive pre-approval by the ARRT to sit for the Registry Examination in Diagnostic Imaging.

---

### **REFERENCES**

Diagnostic Imaging Program Requirements for Admission

[ARRT site](#)

## **REPRESENTATION ON SHP STUDENT CONGRESS**

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### **PURPOSE**

The purpose of this policy is to provide a fair and equitable measure of selecting individual students to represent the Diagnostic Imaging student body on the School of Health Professions Student Congress and provide formal input and feedback from students in the operations of the program.

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### **POLICY STATEMENT**

Each program in the SHP shall select a maximum of four representatives to sit on the SHP Student Congress. Additionally, one of the representatives may be assigned to the Program's Advisory, Curriculum, and Admissions Committees.

---

### **SCOPE**

The entire student body of the Diagnostic Imaging Program.

---

### **PROCEDURE**

- 1.0** During Program orientation students will be given the opportunity to volunteer or nominate individuals to fill these student leadership positions.
  - 1.1 Names will be placed on a ballot and the students receiving the highest number of votes will fill the positions.
  - 1.2 Once elected, the Program Director will appoint members of the student congress as a representative to the programmatic committees.
  - 1.3 Typically there is one representative for each cohort.
- 2.0** Elected members of the SHP Student Congress will be given required time to attend congress functions provided the student is in good academic and clinical standing.
  - 2.1 Student congress members are asked to provide the Clinical Coordinator and Program Director with meeting dates as far in advance as possible.
  - 2.2 It is the student's responsibility to notify instructors and clinical instructors of absences due to congress meetings.
  - 2.3 Please follow the attendance policy in regards to notification of absences.



## **LAMBDA NU/HONORS RECOGNITION**

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### **PURPOSE**

The purpose of this policy is to inform the students of the process in which students are invited to join the Texas Alpha Chapter of Lambda Nu Honor Society for the Radiologic and Imaging Professions and to be identified as an honors student upon graduation.

---

### **POLICY STATEMENT**

There are three levels of honors recognition identified by the Diagnostic Imaging Program: Honor Cord Student(s), Honor Sash Student(s), Outstanding Student (Sash and Cord).

In accordance to the Lambda Nu by-laws, the purpose of this organization is to foster academic scholarship at the highest academic levels; promote research and investigation in the radiologic and imaging sciences; and to recognize exemplary scholarship.

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### **SCOPE**

All Radiologic Sciences students.

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### **PROCEDURE**

See Texas Alpha Chapter of [Lambda Nu By-laws page](#).

## **RELEASE FOR REGISTRY EXAMINATION**

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### **PURPOSE**

The purpose of this policy is to notify students of the program's and the ARRT's requirements for release to sit for the ARRT's Certification Examination in Radiography, Computed Tomography, or Magnetic Resonance.

---

### **POLICY STATEMENT**

Students in Radiography, Magnetic Resonance Imaging and Computed Tomography must meet certain eligibility requirements to sit for the ARRT examination.

---

### **SCOPE**

Entire Diagnostic Imaging student body.

---

### **PROCEDURE**

- 1.0** To be eligible to sit for the ARRT's examination in Radiography or Magnetic Resonance, students must have documented and successfully completed the following requirements:
  - 1.1 All course work with a C grade or better.
  - 1.2 All required competencies and clinical rotation assignments.
  - 1.3 The program completion examination (Mock registry) with a score of 80% or greater.
  - 1.4 Check-out process for the Diagnostic Imaging Program.
  - 1.5 An associates degree or higher.
  - 1.6 ARRT Handbook application for signature with appropriate passport photo and original signature.
- 2.0** To be eligible to sit for the ARRT's examination in Computed Tomography:
  - 2.1 All course work with a C grade or better.
  - 2.2 All required competencies and/or clinical experience requirements and clinical rotation assignments.
  - 2.3 Check-out process for the Diagnostic Imaging Program.
  - 2.4 ARRT Handbook application for signature with appropriate passport photo and original signature.

## **RELEASE OF STUDENT INFORMATION**

---

### **PURPOSE**

Due to the Federal Education Rights Privacy Act (FERPA) regulations, the faculty and staff cannot release any information to anyone relating to your position in the program. The Program must obtain your written consent to share your personal information with your classmates or professionals seeking for potential employees.

---

### **POLICY STATEMENT**

Without written consent Program Officials will not release any information regarding your status in the Diagnostic Imaging Program or the School of Health Professions.

---

### **SCOPE**

Entire Diagnostic Imaging student body

---

### **PROCEDURE**

- 1.0** Students must sign a statement specifically providing Program Faculty and Staff with permission to release their name, address, and telephone/cellular numbers and/or email addresses.
- 2.0** Students must specify to whom this information may be released including classmates, professionals searching for employees.
- 3.0** Additionally, students must provide a release for Faculty to provide professional references to potential employers.

## **DUE PROCESS**

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### **PURPOSE**

To assure the rights of the students the Diagnostic Imaging Program will provide in writing any and all disciplinary sanctions. The student has the right to appeal any sanctions by following the Grievance Policy published in the SHP Student Catalog.

---

### **POLICY STATEMENT**

Immediate dismissal from the program will occur only under actions determined a major breach of professional conduct.

All other disciplinary actions will be documented in the form of

1. Academic or Clinical Warning
2. Academic or Clinical Probation
3. Academic or Clinical Dismissal

The student following the due process is required to sign the written document to indicate that they are aware of the Warning, Probation or Dismissal and the grounds of said action. Each level of the due process will document as a minimum:

1. Cause of disciplinary action
2. Timeline of disciplinary action
3. Specific requirements to remove disciplinary action

---

### **SCOPE**

The entire student body of the Diagnostic Imaging Program.

---

### **PROCEDURE**

- 1.0** Program officials will provide a copy of the documentation for each step of the due process to the student upon their signature.
- 2.0** Students wishing to file a grievance related to the disciplinary action must follow the procedure outlined in the SHP Catalog.

---

### **REFERENCE**

SHP Student Catalog.

## **DISMISSAL**

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### **PURPOSE**

Program policies are developed and implemented to provide a high quality education and to ensure compliance with policies of the institutional, school, program and accrediting bodies.

---

### **POLICY STATEMENT**

Dismissal from the Diagnostic Imaging program will occur under the conditions stated in the SHP Student Catalog.

Clinical causes for immediate dismissal include, but are not limited to the following:

1. Covering up mistakes or falsifying or destroying records.
2. HIPAA and/or scope of practice violations.
3. Any breach of professional conduct policy.
4. Radiographing patients without direct or indirect supervision.
5. Failure of clinical progress.
6. Excessive unexcused absence from the assigned rotation.
7. Failure to report patient related incidents.
8. Failure to adhere to the assigned clinical rotation schedule.
9. Disrupting clinical operations.

---

### **SCOPE**

The entire student body of the Diagnostic Imaging Program.

---

### **PROCEDURE**

- 1.0** Due process, as written in the SHP Student Catalog, will be followed for the disciplinary action of those situations that provide the student an opportunity to correct the problem.
- 2.0** Any major infraction is subject to immediate dismissal as noted above.
- 3.0** The student will be notified in writing of program dismissal.
- 4.0** The student may follow the appropriate appeals process found in the School catalog.

---

### **REFERENCE**

The School of Health Professions Policy: Grievance Procedure.

The Diagnostic Imaging Policy 1.05 Professional Conduct and Behavior.

## **READMISSION**

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### **PURPOSE**

To ensure a fair and equitable readmission process is followed, a student who has withdrawn from the program, whether passing or failing at the time s/he withdraws from the program, and wants to be reinstated.

---

### **POLICY STATEMENT**

Students who have been accepted into and withdrawn from the program, whether passing or failing, prior to completion must resubmit a formal application package to the program for readmission consideration.

---

### **SCOPE**

The entire student body of the Diagnostic Imaging Program.

---

### **PROCEDURE**

- 1.0** Students who withdraw from the program while passing must submit an application for re-admittance to the DI Program one semester prior to reentering the program and no later than one (1) year after withdrawal.
- 2.0** Students who withdraw or have been dismissed must:
  - 2.1** Contact the program director for consideration.
  - 2.2** Reapply to the program.
  - 2.3** Be considered by a review panel selected by the Program Director, composed of instructors and members of the Advisory Committee. An interview may be required.
- 3.0** All students who apply for readmission to the program and was not enrolled in the program for 6 months or more may be required to take challenge didactic and clinical exams one semester prior to readmission to help determine the point at which the students will be allowed to re-enter the program.
- 4.0** Students who withdraw passing, failing, or have been dismissed, have no guarantee of readmission to the program. Readmission is granted on an individual basis, and is based on the student's previous records and the availability of clinical placement.
- 5.0** Students who are granted readmission into the program must complete the process outlined in the DI Program Clinical Policies manual in Appendix B.
- 6.0** Students dismissed for ethical violations, or after a second readmission, will not be eligible for readmission for a period of five years from the date of dismissal.

# Diagnostic Imaging Academic Policies

DIAGNOSTIC IMAGING PROGRAM POLICY # DI 2.00  
Credit Award Calculation

DIAGNOSTIC IMAGING PROGRAM POLICY # DI 2.01  
Grading Standards

DIAGNOSTIC IMAGING PROGRAM POLICY # DI 2.02  
Technical Standards

DIAGNOSTIC IMAGING PROGRAM POLICY # DI 2.03  
Make Up Exams and Quizzes

DIAGNOSTIC IMAGING PROGRAM POLICY # DI 2.04  
Testing

DIAGNOSTIC IMAGING PROGRAM POLICY # DI 2.05  
Course Syllabi

DIAGNOSTIC IMAGING PROGRAM POLICY # DI 2.06  
Programmatic Standards of Accreditation

DIAGNOSTIC IMAGING PROGRAM POLICY # DI 2.07  
Certification Requirement

## **CREDIT AWARD CALCULATION**

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### **PURPOSE**

Identify the formula for awarding student credit hours for classes based upon the Carnegie Unit.

---

### **POLICY STATEMENT**

Students are awarded credit for classes based upon the Carnegie unit. Units are based upon a 16 week Fall and Spring Semester and 14 weeks for Summer Semester.

Lecture Courses: One (1) semester credit hour for a didactic course is equal to a minimum of three (3) hours of work per week. Typically 1 hour of lecture/guided activities and 2 hours of homework.

Laboratory classes: One (1) semester hour for a laboratory class equates to a minimum of 2 hours in the classroom/lab setting and 1 hour of out of class homework.

Clinical Courses: One (1) semester hour for clinical education is equivalent to a minimum 7 hours of hands on clinical education per week. Clinical education includes; hands-on practical application of skills and theory, clinical lectures, conferences and other valid educational activities related to clinical practice.

---

### **SCOPE**

The students of the Diagnostic Imaging Program.

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### **PROCEDURE**

- 1.0 Course credit hours are assigned by faculty and approved through the program and SHP curriculum committees.
- 2.0 Credit hours are documented in the SHP catalog for each course offering.

---

### **REFERENCE**

School of Health Professions Catalog Courses.



## **GRADING STANDARDS**

---

### **PURPOSE**

Students of The University of Texas MD Anderson Cancer Center are held to high academic standards. In order to succeed in this program, it is imperative that all students achieve and progress academically.

---

### **POLICY STATEMENT**

To maintain academic standards or to remain in good academic standing, each student is required to:

1. Maintain a minimum cumulative grade average of a C or better, didactically and clinically.
2. Not be on probation due to any conduct of a nonprofessional nature.

Any failure of a didactic course or clinical rotation, in which an overall course grade of a C or better is not maintained, will result in dismissal from the Program.

The minimum grade average for program completion is 75%. Passing grades for each course of the program is 75%.

The Diagnostic Imaging Program adheres to the following grading scale:

- 90% - 100% A
- 80% - 89% B
- 75% - 79% C
- 70% - 74% D
- Below 70% F

The MD Anderson Cancer Center Diagnostic Imaging Program reserves the right to dismiss students whose clinical and/or academic performance does not meet the standards and policies of the program, the institution, and its clinical affiliates.

---

### **SCOPE**

The students of the Diagnostic Imaging Program.

---

### **PROCEDURE**

- 1.0 Course and program progress will be monitored by the Program Director.
- 2.0 Failure of any course or clinical rotation may result in dismissal from the program.

---

### **REFERENCE**

School of Health Professions Catalog: Grades.

**TECHNICAL STANDARDS**

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**PURPOSE**

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The field of Diagnostic Imaging deals directly with patient care. The safety of the patients is of top priority to The University of Texas MD Anderson Cancer Center and so there are technical standards that each student must be able to achieve in order to effectively function as a technologist.

---

**POLICY STATEMENT**

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**Technical Standards For Diagnostic Imaging**

To participate in the clinical education portion of the program, the applicant must possess additional non-academic skills. These technical standards are consistent with the duties of the entry-level radiologic technologist. These standards are not limited to but include:

1. Must communicate clearly and effectively (oral and written) using the English language and medical terminology with patients, coworkers and other health care providers.
2. Must be able to hear a patient's, co-worker's or visitor's request for help; hear instructions from physicians and supervisors.
3. Must be able to distinguish phonetic sounds either mechanically transmitted or from conversation in order to perform procedures in light controlled areas (low light).
4. Must be able to read instructions, books, computer screens, technique charts and patient requisitions with extreme accuracy.
5. Must be able to view images for accuracy and perform necessary imaging procedures involving placement of needles, catheters, etc., into proper anatomy of patient.
6. Must be able to perform data entry tasks using digital and computer terminals.
7. Must be able to manipulate imaging equipment using the keyboard of a computer and a mouse.
8. Must be able to stand for the majority of the work day.
9. Must be able to maneuver through congested areas or units to perform positioning procedures and transport patients.
10. Must be able to push/pull diagnostic equipment and adjust x-ray tubes to standard distance; transfer patients to and from unit.
11. Must be able to raise arm(s) while maintaining balance when positioning a patient, reaching over a table, adjusting the x-ray tube, and adjusting diagnostic imaging equipment.
12. Must be able to work with patients and handle and dispose body secretions, blood, urine, stool, etc.
13. Must be able to work on a daily basis in contact with radiation, magnetic fields, and radiofrequency producing devices and in contact with computer monitors.
14. Must have adequate sufficient behavioral and social skills conducive to professionalism in a college and health care environment.
15. Must have the ability to complete tasks or job functions within deadlines.
16. Must complete required tasks/functions under stressful conditions
17. Must interact appropriately with diverse personalities and populations.
18. Hear various equipment and background sounds during equipment operations.
19. MRI students must not have foreign bodies or medical implants that are contraindicated for the MRI environment.

Students who have disabilities that require accommodation should discuss these with the Program Director prior to the start of the program. Documentation is required to verify disabilities.

---

## **SCOPE**

---

The entire student body of the Diagnostic Imaging Program.

---

## **PROCEDURE**

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- 3.0** Any student who cannot perform any of the above mentioned standards will be dismissed from the program in order to ensure the safety of our patients and staff.
- 4.0** Meeting the technical standards is an admission requirement. Should a student's ability to meet these standards change at some point during his or her education, serious consideration must be given to the patient's safety and the student's safety.
- 5.0** Each situation will be handled on an individual basis.
- 6.0** A student may be dismissed from the program if he or she should become unable to meet these standards.

---

## **REFERENCE**

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School of Health Professions Student Catalog: Admission Requirements.

## **MAKE UP EXAMS AND QUIZZES**

---

### **PURPOSE**

To ensure accountability, integrity and equality among all students, make up exams or quizzes will be given under the following circumstances:

- Death of a first, or second degree relative.
- Any accident or illness requiring the student's hospitalization.
- Any communicable disease.
- Extenuating circumstances, which are interpreted by the Program Director, Education Coordinator, or Course Instructor.
- The Program Director, Education Coordinator, or Course Instructor may request a doctor's certification before allowing a student to make up an exam due to illness. Substitute evaluation methods may be used.
- Requests for make-up exams and quizzes must be approved by the Program Director, Education Coordinator, or Course Instructor.

---

### **POLICY STATEMENT**

Exams are scheduled on the student's syllabus. Instructors will not provide make up exams or quizzes unless approved by the Program Director, Education Coordinator, or Course Instructor. Substitute evaluation methods may be used at the discretion of the Program Director and Education Coordinator and/or Course Instructor.

---

### **SCOPE**

The entire student body of the Diagnostic Imaging Program.

---

### **PROCEDURE**

- 1.0** If a student misses an exam or quiz for any reason other than those listed above he or she will be given the grade of a zero.
- 2.0** The Program Director, Education Coordinator, or Course Instructor reserves the right to require documentation in the case of serious illness or other unusual circumstances.

## TESTING

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### PURPOSE

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To ensure an adequate environment for all students taking the exams the program requires that all personal belongings be cleared from sight. The exam room is to remain quiet during the exam. Talking and cell phone rings during the exam are disruptive and disrespectful, and therefore not permitted.

---

### POLICY STATEMENT

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Instructors reserve the right not to allow students to leave the testing area prior to the completion of the examination. Doing so without permission will result in forfeiture of the exam. Students who have a medical problem and need to be excused must present a Physician's order before the exam begins to be permitted to leave.

There will be NO talking during the exam. During computer based testing no windows are permitted to be open other than the one for the testing application and student's computer settings will allow the toolbar to be visible at all times. When the exam is completed, students should exit the testing center discretely, without question or discussion.

If there is a technical issue with computer-based exams, the student may raise his or her hand to call the instructor/proctor to review the problem. Instructors reserve the right not to answer any student questions pertaining to exam items. Students must consider that asking questions during exams is disruptive to others.

---

### SCOPE

---

The entire student body of the Diagnostic Imaging Program.

---

### PROCEDURE

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- 1.0** Students will clear any personal items from sight at the beginning of the test. They will remain in testing area until they have completed the test.
- 2.0** During computer based exams no windows will be open other than the testing application and the computer settings will allow the toolbar to be visible.
- 3.0** After leaving they will not be allowed to return until all students have completed the test. Any student leaving the testing area without permission prior to completing the exam forfeits the examination.

## **COURSE SYLLABI**

---

### **PURPOSE**

To ensure each student knows what will be expected of him/her in each course, the instructor will provide a syllabus at the beginning of each course describing how grades will be calculated and what objectives they are expected to master by the completion of the course.

---

### **POLICY STATEMENT**

The number of tests, weighting assigned to tests, final exam, and homework are up to the discretion of the instructor with stipulation that the students be given the method of evaluation at the beginning of said course. Students are given objectives at the beginning of each course.

Course syllabi are subject to change throughout the semester.

---

### **SCOPE**

The entire student body of the Diagnostic Imaging Program.

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### **PROCEDURE**

- 1.0** The instructor will calculate grades of each course exactly as described in the syllabus provided at the beginning of the course. Students will know exactly what they have to do in order to maintain an adequate grade to continue in the program..

## **PROGRAMMATIC STANDARDS OF ACCREDITATION**

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### **PURPOSE**

To protect the rights of students at this institution and insure that you are satisfied with your experience each student holds the right to report any concerns about the program.

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### **POLICY STATEMENT**

The Diagnostic Imaging Program Faculty will follow the due process.

The Diagnostic Imaging Program Emphasis in Radiography and Emphasis in Magnetic Resonance Imaging are accredited through the Joint Review Committee on Education in Radiologic Technology (JRCERT). The JRCERT Standards are available for review at <http://www.jrcert.org/programs-faculty/jrcertstandards/>.

Students with concerns about the program meeting the accreditation standards should contact the Program Director, William A. Undie, Ed.D., and the JRCERT at:

JRCERT  
20 N. Wacker Dr., Ste. 2850  
Chicago, IL 60606-3182  
Phone 312-704-5300      Fax 312-704-5304  
[www.jrcert.org](http://www.jrcert.org)      [mail@jrcert.org](mailto:mail@jrcert.org)

---

### **SCOPE**

The entire student body of the Diagnostic Imaging Program.

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### **PROCEDURE**

Any student who feels that the program is not meeting the accreditation standards set by the JRCERT should contact the Program Director, and if the situation is not resolved the student is encouraged to contact the JRCERT.

## **CERTIFICATION REQUIREMENT**

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### **PURPOSE**

To support student success in passing the American Registry of Radiologic Technologists (ARRT) credentialing examination in radiography and meet program requirements to advance to the third year of study.

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### **POLICY STATEMENT**

Three-year Track students wishing to advance to the third year of study and earn their bachelor's degree must pass the final exam for DI 3200 – Capstone Registry Review with 80% or higher. Upon passing the DI 3200 final exam with 80% or higher, as well as meeting the requirements outlined in DI Program Policy 1.10, the student will be released to sit for the ARRT credentialing examination in radiography.

All attempts should be made to pass the ARRT credentialing examination in radiography on the first attempt.

---

### **SCOPE**

Three-year Track Diagnostic Imaging Program Students.

---

### **PROCEDURE**

- 1.0** Failure to pass the DI 3200 Capstone Registry Review final exam on the first attempt with 80% or higher will result in remediation followed by a second administration of the final exam.
  - 1.1 Failure to pass the second attempt with 80% or higher will result in failure of the course.
  - 1.2 The student's standing in the program will be reviewed by the Program Director and Dismissal Committee.
- 2.0** Students have 3 attempts to pass the ARRT credentialing examination in radiography.
  - 2.1 Students who do not pass this examination on the first attempt will be placed on Clinical Probation, and must contact program faculty for remediation.
  - 2.2 The student must be released by the Program Director prior to sitting for the ARRT credentialing examination in radiography for a second attempt.
- 3.0** Upon approval by the Program Director students may begin the didactic coursework for third year of study, but they will not begin clinical rotations until the radiography credential has been obtained, and graduation may be delayed.
- 4.0** Failure to pass the ARRT radiography-credentialing exam by the end of the Fall semester of the third year of study will result in dismissal from the program.



## Appendix A

# Criminal Conduct Statement

I understand that any conduct or activities that have violated the American Registry of Radiologic Technologists (ARRT) "Rules of Ethics" may impair my application to the program and my eligibility to take the certification examinations administered by the ARRT. Violations of the "Rules of Ethics" that must be reported include conviction of a crime such as "a felony, a gross misdemeanor, or a misdemeanor with the sole exception of speeding or parking violations. All alcohol and/or drug related offenses must be reported.<sup>1</sup> Additionally, convictions or charges resulting in any of the following must **also** be reported:

- A plea of guilty
- Withheld adjudication
- A plea of nolo contendere
- Suspended sentence<sup>2</sup>

The ARRT offers applicants for admissions to radiologic science programs an early review process in order to determine their eligibility to take the certification examinations. The program has information on the ARRT "Rules of Ethics" and the early review process available upon request. Falsification of this information will make you ineligible for the program or will result in expulsion from the program.

I have been notified that the ARRT determines exam eligibility based on the profession's ethical standards. I am aware that if I am in violation of these standards I may not be eligible to sit for the ARRT examination.

Student Signature \_\_\_\_\_ Date \_\_\_\_\_

Witness Signature \_\_\_\_\_ Date \_\_\_\_\_

<sup>1</sup> "Examinee Handbook: Radiography, Computed Tomography, Magnetic Resonance, and Vascular Interventional." The American Registry of Radiologic Technologists. 2013.

<sup>2</sup> "Application for Primary Examination." The American Registry of Radiologic Technologists. 2013.

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## Appendix B

### Release of Personal Information

#### A. Address Release

I hereby agree to let the Diagnostic Imaging Program officials release my name, mailing address, telephone/mobile phone number(s), and email address to **potential employers** who contact the Program for this information.

Student Signature \_\_\_\_\_ Date \_\_\_\_\_

I hereby agree to let the Diagnostic Imaging Program officials release my name, mailing address, telephone/mobile phone number(s), and email address to **my classmates** who contact the Program for this information.

Student Signature \_\_\_\_\_ Date \_\_\_\_\_

---

#### B. Faculty Reference

I hereby request the following faculty member(s) to function as a reference for me to support my search for employment. In doing so, I authorize you to disclose any and all knowledge you have learned about me as a result of my being a student in The University of Texas MD Anderson Cancer Center Diagnostic Imaging Program.

I understand that I am giving the Diagnostic Imaging Program the right to disclose information, which I may otherwise have the right to keep confidential.

Faculty Member \_\_\_\_\_

Faculty Member \_\_\_\_\_

Faculty Member \_\_\_\_\_

Faculty Member \_\_\_\_\_

Student Signature \_\_\_\_\_ Date \_\_\_\_\_

## **Appendix C**

# **Professional Society Membership**

All students are encouraged to join the following organizations. Please refer to program syllabus for specific requirements.

### **Radiography Emphasis (sophomores and juniors) (Select One)**

- American Society of Radiologic Technologists (ASRT)
- Association of Collegiate Educators in Radiologic Technology (ACERT)
- Texas Society of Radiologic Technologists (TSRT)

### **CT Emphasis (Select One)**

- American Society of Radiologic Technologists (ASRT)
- Texas Society of Radiologic Technologists (TSRT)

### **MRI Emphasis (Select One)**

- American Society of Radiologic Technologists (ASRT)
- Section for Magnetic Resonance Technologists (SMRT)
- Texas Society of Radiologic Technologists (TSRT)

### **Education Emphasis (Select One)**

- American Society of Radiologic Technologists (ASRT)
- Association of Educators in Imaging and Radiologic Sciences (AEIRS)-
- Texas Society of Radiologic Technologists (TSRT)

### **Management Emphasis (Select One)**

- American Society of Radiologic Technologists (ASRT)
- Association of Collegiate Educators in Radiologic Technology (ACERT)
- Texas Society of Radiologic Technologists (TSRT)
- The Association for Medical Imaging Management (AHRA)

### **Benefits of Joining a Professional Organization**

1. Expand your professional network
2. Consistent updates on current trends and development in radiologic sciences
3. An opportunity to increase awareness of the profession
4. Discovery of what other radiologic sciences professionals are doing
5. Access to monthly, quarterly, and/or annual journals and newsletters
6. Attending and participating in professional meetings

Professional organizations enhance your professional development and provide endless networking opportunities. Associations may also provide financial assistance through scholarships and grants and student medical and other insurance.

Professional associations publish journals, newsletters, and website with invaluable information on current issues and developments in the radiologic sciences field. Professional associations frequently also coordinate professional development conferences and programs for students to have the opportunity to learn from leaders in the field.

Furthermore, prospective employers may seek out individuals whose knowledge of the profession is not solely dependent on their academic performance, but their association memberships which can be as excellent supplement for your resume. Memberships convey to an employer that you are dedicated to the radiologic sciences profession. Memberships can also open doors of opportunity as you are provided with greater exposure to the job market.