UNIVERSITY OF UTAH HEALTH CARE
Department of Radiology
Technology Education Programs

Magnetic Resonance Imaging

2017
Student Handbook

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Introduction

All students admitted into the University of Utah Health Care, Department of Radiology technology programs are expected to be knowledgeable of the policies and procedures of the program and clinical education centers that the student will attend.

This handbook is a summary of the more pertinent policies governing a student while participating in the program and useful information you may need in the future. You are expected to read the policies contained herein and save them for future reference.

Violation of any of the stated policies WILL result in one of the following: a warning; suspension; probation; or dismissal from the program without an opportunity to return at a later date. Cases of violations will be handled on an individual basis to ensure just and proper procedures. Appeals may be made following the Due Process Procedure.

Magnetic Resonance Imaging Program

Overview

The University of Utah Health Care, Department of Radiology, offers a six (6) month certificate program in Magnetic Resonance Imaging (MRI) for certified Radiologic Technologists R.T. (R), Radiation Therapists R.T.R. (T) or Nuclear Medicine Technologists R.T. (N) or NMCTB. Students will learn how to produce computerized magnetic images of anatomy as an aid in the diagnosis of disease and injury.

The Department of Radiology exclusively has Siemens MR Scanners to include both 1.5 and 3.0 Tesla magnets. Clinical experiences are completed at University Hospital, Huntsman Cancer Hospital, INC outpatient center, Orthopedic Center, Clinical Neurosciences Center (CNC), South Jordan Hospital and the Farmington Hospital. Students will rotate through all sites for specified timeframes. The program offers a combination of clinical and didactic educational experiences that will provide the student with the necessary knowledge and skills to become an entry-level MRI technologist. The classes are taught by highly competent radiologists and technologists proficient in the MRI field.

The program offers two academic sessions a year starting in January and July. The total number of students accepted ranges from 3-5.

MRI Program Mission

To provide a high quality entry level educational program in Magnetic Resonance Imaging that educates competent MRI technologists to meet the staffing needs of the University of Utah Health Care, surrounding community and provide an educational opportunity for out-of-state students.

MRI Program Objectives

The goal of the Magnetic Resonance Imaging program is to educate students to perform the duties and responsibilities of an entry-level MRI technologist and produce graduates that will successfully pass the MR examination and work in Magnetic Resonance.
MRI Program Goals

1. Ensure that 100% of program graduates have completed clinical experience requirements as specified by the American Registry of Radiologic Technologists. (ARRT)

2. Graduate competent entry level MRI technologists who are effective communicators, problem solvers and critical thinkers.

3. Maintain the following:
   - A credentialing examination pass rate of not less than 75% at first attempt.
   - A job placement rate of not less than 75% within one year of graduation.
   - A program completion rate of not less than 80%

4. Graduate students who are satisfied with their MR educational experience and feel that it was beneficial to their professional development and growth.

Program Evaluations
To ensure that the program maintains an excellent learning environment for its students the program will conduct evaluations from the student in an on-going manner throughout the program session and also post-graduation.

The student will meet with the clinical instructor to review the evaluation so that they may be able to respond to any feedback given.
University of Utah Hospital  
(Nuclear, MRI, CT, Vascular)  
50 N. Medical Drive  
SLC, UT  84132  
581-2115

Primary Children’s Medical Center  
(MRI, CT)  
100 N. Mario Capecchi Dr  
SLC, UT  84132

Veteran’s Administration Medical Center  
(Nuclear)  
500 Foothill Drive  
SLC, UT  84148  
584-1225

Imaging and Neurosciences Center  
INC (MRI, CT)  
Research Park  
SLC Utah 84132  
(801) 465-7089

Huntsman Cancer Hospital  
(Nuclear, CT, MRI, Vascular, Mammo)  
SLC Utah 84132  
Orem, UT  84057  
(801) 714-6526

South Jordan Health Center  
5126 W Daybreak Parkway  
South Jordan, UT 84095

Orthopaedic Clinic  
(MRI)  
Research Park – Wakara Way  
SLC Utah 84132  
801- 587-5345

Clinical Neurosciences Center (CNC)  
Building between the University Hospital And  
Hunstman (Old Moran)
Clinical and Classroom Attendance

The technology program administrator (Otto Casal) will establish and distribute a classroom schedule at the time of orientation.

The MR program will have two scheduled class days on Tuesday from 11-1 and Wednesdays 9:00 – 1:00 and clinical time is arranged. The student strives to complete a total of 550 clinical hours and a minimum of 25/59 MR examinations with a minimum total of 125, before a certificate of completion can be granted. Students may be able to exit clinical with less than the required hours if the competencies are completed and clinical evaluations are above average. The technology program administrator has the final decision on early completions.

For MR competencies, when counting total number of competencies you cannot count any exam that has two of three sign offs, a minimum of 3 is required.

Student Employment Policy

Many students may work part-time jobs. You must ensure that the job does NOT interfere with school schedules. The MRI and CT programs offer flexible clinical rotations. The nuclear medicine program requires strict adherence to attendance schedules

MRI

In the event that a MR technologist position becomes available through the University of Utah Health Care, a student who is currently enrolled full-time within the MR program who has satisfied the following criteria, may be eligible to apply and be hired for the position. The student must have successfully completed fifty percent (50%) of the total didactic and clinical program to include:

1. Fifty percent of the didactic classes (MR).
2. Two hundred seventy five (275) clinical hours (MR).
3. Fifty percent of required competencies (MR).
4. Passing scores on all didactic modules and/or sections.

In addition, the student must:
1. Be a student in good standing.
2. Have the managers select them for the position.

In the event that the student is awarded the position, the following guidelines will apply:
1. The student will continue to complete their clinical education hours and be paid at a rate determined by the manager.
2. The student will work additional hours in the modality as agreed upon by the student and the manager.
3. The student will continue in a learning capacity, completing their competencies but will also assist in the overall function of the department they are assigned to under the direction of the manager or designated mentor.
4. The student will be released from clinical to complete didactic hours but they will NOT be paid during those hours.
In exchange, the student will be asked to:

1. Complete and successfully pass the appropriate certification examination within 6 months of program completion.
2. Complete all required clinical competencies.

**Academic Guidance and Personal Counseling Services**

**Academic Guidance**

Students are encouraged to discuss their academic progress with the instructor who is teaching the unit. In the event that the student feels the discussion is not to their satisfaction, they are encouraged to discuss the situation with the program director and/or the Technology Program Administrator. Final decisions pertaining to academic grades and/or instruction are granted to the technology program administrator. An appeals process is in place for students who want to appeal a grade and/or programmatic decision (See Appeals).

**Academic and Clinical Progress**

**MR Program**

Students are routinely given quizzes and practice exams which will provide them feedback on their progress. Success in the programs is largely due to the amount of time and effort the student wants to put into the program. Grades are given in the MR Program; however, college credit is not granted for the MR programs and there is no official transcript. A certificate of completion is awarded to all those who successfully complete the program. The student is preparing for the boards and successful passing of the boards is the common goal between the program and the students.

The following constitutes the scale for percentage to grade conversions for academic units:

- 93-100 A
- 90-92 A-
- 87-89 B+
- 83-86 B
- 79-82 B-
- 75-78 C+
- 73-74 C
- 70-72 C-
- 69-69 D+
- 68-68 D
- 0-67 E (Failure)

Students must pass each course or unit with a minimum of C- or better and earn overall acceptable evaluations in clinical education, however repeated C- grades or below 70% on clinical evaluations is not acceptable overall progress and will be terms for warning, probation or dismissal from the program. It is recognized that students may have difficulty in a course of study, however, repeated difficulties in many courses is not acceptable as the student is demonstrating that they may not be able to pass the ARRT MR board examination and a grade better than a C- or 73% in clinical education compromises patient care. With that understanding, the following guidelines in regards to academic and clinical progress will be enforced: Students who earn:
1. A C- grade will be placed on warning.
2. Lower than a C- in one course/unit will be placed on probation and provided one opportunity to retake the course and/or complete extra credit to earn a higher grade.
3. One quarterly clinical evaluation* that is below average and equates to a C- or below is terms for probation.
4. Two C- grades in courses will be terms for probation.
5. Two quarterly clinical evaluations that are below average and equate to a C- or below is terms for dismissal from the program.
6. Two C- in courses and one below average quarterly evaluation is terms for dismissal from the program with no chance for enrolling at a later date.
7. Three or more below average clinical evaluations from the technologists in terms for dismissal.
8. Three C- grades in courses/units is terms for dismissal.
9. A dismissal will not be allowed to reenter or apply at a later date and relinquishes any tuition refund.
10. Final decisions on dismissal may be petitioned through due process.

* Clinical evaluations are completed by the technologists the students are working with and it is policy to accept their judgment if the student is performing at an acceptable clinical level or not.

**Personal Counseling Services**

In the event that a student is having personal difficulties in which they may need assistance with, they are encouraged to discuss the matter with the program director or the technology program administrator who will assist the student in finding appropriate services.

**Student Pregnancy Policy**

The student has the right to not declare pregnancy and remain in the programs with no modification option.

Pregnancy during the course of the programs may present problems for program completion at the expected time. If the student continues to attend both class and clinic as scheduled during her pregnancy, minimal disruption will occur. If the student has difficulty maintaining the routine schedule of the program, advancement and completion will be jeopardized. It is the policy of the programs to be supportive to pregnant students. The student must understand that all program requirements must be completed in order for her to graduate and receive a Certificate of Completion.

**For students enrolled in any of the educational programs:**

Due to the potential danger to an unborn fetus from ionizing radiation, especially during the first trimester, the student is encouraged to inform the Technology Administrator, Program Director or any other member of the technology programs if they expect a pregnancy. Occupational MRI exposure to the fetus is considered safe, however, because MRI is a relatively new technology, all of the radiobiological questions are not completely answered. Pregnant health care practitioners are permitted to work in and around the MR environment throughout stages of their pregnancy however they are requested not to remain within the MR scanner room during actual data acquisition/scanning itself.

If the student declares a pregnancy, plans for program continuation and completion must be made. The student has the following options:
A. Remain in the program as scheduled. This option requires the following:

1. All courses must be completed with passing grade. Continued attendance and successful progress must be maintained.

2. The student’s clinical rotation will be monitored so that the student will NOT receive unnecessary radiation.

3. The student will be allowed a leave of absence in length as agreed upon by the student and the program and in accord with the policies of University Health Care, Hospitals and Clinics. The student is encouraged to return to the classroom at the earliest possible date.

4. If the student wishes to complete courses as scheduled, she must attend class on an ongoing basis during and after the pregnancy.

B. The student may choose to take a leave of absence until after the pregnancy. The terms for this are as follows:

1. The student will be allowed to take a leave of absence for a period of one year. At the end of the year, she must reenter the program as a full-time student or relinquish her position in the program.

2. Once a student voluntarily withdraws from the program due to pregnancy, she must reapply to reenter.

It is both policy and practice of the program and the clinical education setting to offer the utmost radiation protection to student technologists. The program will NOT assume liability in any case of pregnancy. Should a pregnant student choose to remain in the program, the program members will provide support to the student’s completion of the program. The student will be given an additional radiation monitoring badge for the fetus and will be monitored so that the dose limit in one month does not exceed .05 rem and the total dose limit does not exceed .5 rem.

Disciplinary Policy

General Policy:
The program strives to provide for an effective education of all students. Under program policies, disciplinary actions and terminations are expected to be handled in a manner to achieve the least adverse effects for the student and program.

In general, disciplinary sanctions will occur in the following order:

1. Student will be warned of infraction through discussion and a written contract will be created by the program faculty and the student which states the required expectations to correct the problem and the penalties if not resolved.

2. Failure to meet expectations will result in suspension and/or grade change or the penalty as stated on the written contract.

3. Repeated infractions are terms for dismissal even if they are unrelated.
Student Disciplinary Problems:
Under circumstances which demonstrate the student’s inability or unwillingness to meet his or her student responsibilities, sanctions WILL result for any of the following reasons: (BUT ARE NOT LIMITED TO THESE REASONS)

1. Negligence
2. Unsatisfactory progress
3. Excessive or unauthorized absence (AWOL)
4. MISUSE or misappropriation of college, program or clinic property
5. Disorderly conduct
6. Falsification of any type of documentation
7. Use of, or being under the influence of, alcohol or drugs while in the clinical or classroom setting.
8. Insubordination
9. Unjustified interference with the work of others
10. Conviction of a crime by a court of competent jurisdiction
11. Dismissal from a clinical education setting
12. Refusing to follow supervising decisions in the clinical education

Students who intend to terminate their status on a voluntary basis are encouraged to confer with the technology program administrator or modality specific program instructor.

**Student Grievance Procedure**

In pursuing an education and attending the University Health Care and affiliated clinical education centers, the student should be free of unfair and improper action by any member of the Hospital community. A grievance is a claim or charge of injustice, oppression or discrimination affecting the welfare or conditions of a student or group of students. Any student who feels that he or she has been denied rights by any member of the Hospital community can file a grievance action which is treated less formally than in a court of law. The purpose of a grievance hearing is to seek a workable solution to the problem without putting anyone on trial.

Should a problem arise with another individual (fellow student, supervising technologist, ancillary staff, etc.), the student is encouraged to discuss the issue directly with the involved individual with the goal of seeking a workable solution. If the problem is unresolved, it should be brought to the attention of the on-site clinical instructor. In the event of an unsatisfactory response, the student should consult the program faculty and/or the technology program administrator. Concerns regarding the actions of the radiology faculty should be directed to the technology program administrator. Concerns regarding the technology program administrator should be directed to the Director of Patient services in Radiology.

Should the student feel a problem is unsatisfactorily resolved, he or she should refer to the Procedures for Due Process.

**Due Process**

If a student wishes to appeal a decision of the program administration, they have 48 hours from the time the infraction occurred to the time they must inform the technology program administrator that he/she is going to appeal the decision by telephone, e-mail or letter. This process should be reserved for the most serious of infractions to include dismissal from the program, removal from a clinical education center or other serious educational issues.
The technology program administrator will organize a meeting of the advisory committee no later than 7 days after the appeal has been made. During the appeal meeting the following will occur:

Technology Program Administrator will open the meeting by telling the advisory group that they are here to listen to the student’s appeal of the programmatic decision which occurred on the date it happened and involved what actions.

A non-voting administrative person will take over the meeting ensuring that everyone abides by time standards and rules. The student has 20 minutes of non-interruptive time (maximum) to present to the committee his/her appeal. The Board will have an opportunity to ask the student questions. During this time the student will not be allowed to ask questions of the board.

At the completion of the question phase, the student will be excused, while the advisory committee deliberates. The board will deliver a decision in writing through e-mail to the student within 24 hours.

The student has 24 hours to decide if they want to pursue the appeal to the next and final level which is the administrative committee chaired by the Radiology Chairman.

If the student appeals to this level, the process repeats itself and all decisions are final.

**Policies and Procedures of Clinical Education**

**Introduction**

The clinical experience is crucial to the development of confident and competent technologists. It is in the clinical environment that the student is given the opportunity to demonstrate clinical competency and assimilate further skills and knowledge. Do not forget that you are representing the University of Utah in the medical community!

One of the most important aspects of the program is the clinical experience. It is here the student applies what has been taught in the classroom and becomes accustomed to medical procedures while developing lifelong professional habits. It is also here that the student often has a tendency to be shy and reluctant, especially during the initial phases of the program. DON'T BE!! In being motivated and assertive, you will progress at a much greater pace. Much of your participation will be dependent upon how you strive to learn and master the clinical skills.

Clinical experiences are an educational process that requires responsibility. In order to complete training, your interaction and performance is essential. The technologists you are working with are also your didactic instructors and deserve respect, patience and team assistance when appropriate.

**Professionalism and Electronic Devices**

**Classroom:**
The use of electronic devices such as, but not limited to: mobile phone, laptop, tablet, audio recorders must be approved by the instructor before they are used in the classroom setting. Also, any student using a laptop with internet capabilities must subject the device to the University of Utah Hospital encryption policy and must contain encryption software. There are NO exceptions to this rule. Devices that are not liable under this policy include mobile phones and tablets.
Clinic:
The use of electronic devices such as, but not limited to: mobile phone, laptop, tablet, audio recorders are NOT permitted while the student is in any clinical area. If there is an emergency or if you are expecting a call please inform your clinical instructor and exit to the hall to take the call. Cell phones can be referred to on breaks and lunch-time. Department numbers are to be distributed for emergencies and concerns not routine conversation. If you are wearing a University of Utah badge and checked in for clinical, head sets are not acceptable. No personal use of University computers is allowed while on clinical or reading of personal literature to include magazines or novels. If the student fails to comply he/she is liable for any disciplinary actions that occur (see Disciplinary Procedures, pg. 16)

Attendance

The social and economic demands of the student are appreciated. However, the basic requirements are to be met by all! All students will be expected to complete the same number of clinical hours and complete all clinical competency requirements. Clinical schedules will be made in advance and posted in the department. If a student is unable to attend clinic or class on any assigned day, they must notify the appropriate manager for the area they were assigned to. Failure to call in is considered an unexcused absence, and WILL result in disciplinary action. Students will not be scheduled for more than forty hours per week of combined class and clinic. Any alteration of the clinical schedule must be approved by a site manager or the technology program administrator. **Dependability and responsibility is expected!!**

Clinical Shifts

Clinical shifts for the CT program is arranged through the program directors and/or clinical instructors. No amount of communication is ever too much. This is a large institution with many managers and area supervisors so at the least ensure that your immediate supervising technologist knows where you are or why you are not there.

Time Missed

If a student must miss clinical due to illness or other reasons they must notify the site manager prior to the starting time of clinical. If a student knows ahead of time that they will miss clinical, they are required to inform the appropriate site manager or clinical instructor.

MR Students:
MR students work on a positive hour curriculum. The hours they work are recorded until they reach their designated hourly requirement. Unlike, nuclear medicine, MR students are allowed to terminate the program earlier if all time, competencies and evaluations are positive. Classes will continue until they end of the program and attendance is mandatory.

Students must complete all clinical requirements to include hours, evaluations and competencies in addition to having all of their tuition paid off before a Certificate of Completion will be granted and their ARRT application will be signed.

Attendance/Documentation

The student has a monthly calendar where they enter their hours on a daily basis and the time is verified by the supervising technologist by entering their initials. **Students please ask the technologist you are working with if they would prefer to sign your hours at the end of each day or the end of the**
week. At the end of the month, CT and MRI students add up their time, circle the hours and hand the
documentation to Otto Casal personally or slide it under his office door. Nuclear medicine students will
also add up their clinical hours and indicate at the bottom if any hours are DUE or if a sick day was
used. To be granted a sick day, the technologist who received your call or was informed will need to
sign your attendance sheet. If the student is sick more than 3 consecutive days, a doctor’s excuse must
be brought in. The technology program administrator will monitor contact hours, clinical competency
and clinical experience requirements. Submit all documentation to Otto Casal.

Leave of Absence

An LOA will be granted only in extreme circumstances of personal or health problems at the discretion
of program faculty. Terms for completion of the program will be made after the student returns from
LOA.

Vacations

For nuclear medicine, it is hopeful that most personal vacations will be taken on scheduled breaks. If
the student takes additional time, they will be held responsible for completing the total number of
required contact hours by the end of the semester. MRI and CT are on a positive hour requirement and
are free to be flexible with their clinical hours however, they will miss class time that could affect their
progress.

Holidays

Students will receive the same Holidays as other University of Utah HealthCare employees.

Dress Code

In general, the clinical and classroom attire should be professional, conservative, and in compliance
with the dress code of the department in which they are attending for clinical education. Each
institution has similar standards, but they vary slightly. Each institution has the right to determine if
dress or behavior is considered appropriate. Jeans and T-shirts are generally unacceptable. Hair
styles, nail care, jewelry and perfume must be conservative. Scrubs are allowed. Some institutions do
not allow, or limit, body and ear piercing. Long hair MUST be secured back away from the face, false
fingernails are unacceptable and tattoos must be covered. There is a specific Professional Attire
Guideline document that you should refer to.

Please refer to the University of Utah’s Professional Dress Code: UU DRESS CODE

Incident Reports

It is the student’s responsibility to notify the site manager and technology program administrator any
time they are involved in an incident (any unusual or potentially liable activity involving a patient) in
the clinic. The site manager will assist the student in completing the appropriate paperwork and
reports. The completion of an incident reports are essential when incidents occur.
Communicable Disease Policy

**Education**

The students are required to implement standard precautions when dealing with all patients and body substances and to use barrier techniques for all persons whether or not they have been diagnosed with an infectious disease.

All clinical education centers will make available to students personal protective equipment such as gloves, gowns, face shields, masks, eye protection, disposable mouthpieces, resuscitation bags or other ventilation devices. The technologists will be responsible for orientating students to the location of the protective equipment and will encourage its use.

**Immunizations**

All students are required to turn in documentation of immunization records to employee health center of the University of Utah Hospital, which is located on the A Level.

Please refer to the policy below:

*University of Utah Hospitals and Clinics policy states that all employees will complete mandatory immunizations or provide documentation of immunizations within 15 days of hire. This policy is enforced to protect our patients and also to ensure compliance with state and federal recommendations/regulations. Individuals who are not compliant with requirements may be subject to removal from the work schedule, and/or discipline up to and including suspension of clinical privileges and/or termination.*

**What you need to do:**

*Visit the Employee Health Clinic located on the A level of the School of Medicine to obtain necessary immunizations or to bring proper documentation of immunizations. This documentation will be placed in your employee health record.*

However, if you do not have any documentation of prior immunizations we can draw blood to check immunity.

Please refer to the Occupational and Environmental Health and Safety Policy (Policy 3-300): [UU POLICY 3-300](#)
ARRT and BLS Documentation

Students are responsible for providing documentation of current CPR certification and ARRT certification, if appropriate to the technology program administrator the first week of class.

Protocol for Needle Sticks or Exposure to Infectious Disease

If the student is exposed to an infectious disease either by the exposure to a body substance or a needle stick, she/he must complete the following protocol:

° Notify the appropriate site manager.
  ° Report to the emergency room or appropriate clinical department
  ° Follow the emergency room protocol for exposure to an infectious disease, which may include blood testing, evaluation, counseling and documentation.
  ° Assist in the proper documentation of the incident.
  ° Notify the technology program administrator of the occurrence

If the student contracts an infectious disease, the appropriate action is a “common sense” approach. If the possibility exists to infect a patient or co-worker, the student should NOT report to the clinic until the risk subsides.

Health Insurance and Workers Compensation

Health Insurance: Students are responsible for their own health insurance.

Liability Insurance: The State Division of Risk Management provides professional health care liability (malpractice) insurance to U of U Radiology students while they are placed in approved clinical training programs. This does NOT include out-of state facilities.

Worker’s Compensation: UHC is not responsible for any Worker’s Compensation or disability claim filed by a student. The students are not employees of UHC unless hired under a separate arrangement.
**Supervision Policy**

The supervision policy has been developed in order to ensure quality clinical education and safe, effective patient care.

Until a student achieves and documents competency in any given procedure, all clinical assignments shall be carried out under the direct supervision of qualified practitioners. Direct supervision includes:

- A qualified practitioner reviews the request for examination in relation to the student's achievement.
- A qualified practitioner evaluates the condition of the patient in relation to the student’s knowledge.
- A qualified practitioner is present during the conduct of the examination.
- A qualified practitioner reviews and approves the procedure.

In support of professional responsibility for provision of quality patient care and radiation protection, unsatisfactory procedures shall be repeated only in the direct presence of a qualified practitioner, regardless of level of competency. After demonstrating competency students may perform procedures with indirect supervision. This is defined as:

- That supervision provided by a qualified practitioner immediately available to assist students regardless of the level of student achievement.

Immediately available is interpreted as the presence of a qualified practitioner adjacent to the room or location where a procedure is being performed.

In order to provide the optimal learning environment for students and provide maximum safety to patients, the following policies apply:

1. All students must work under the direct supervision while completing their educational assignments within the clinical education setting until they have proven competency on each procedure.

2. The requirements which must be followed sequentially are:
   a. observation of examination
   b. assistance with exam to technologist
   c. complete exam under direct supervision several times

3. Once the student has completed requirements from #2, they may pass off competency for procedures.

4. When students have documented competency in specific procedures, they are eligible to perform those procedures under indirect supervision.
5. The student has the right to request adequate assistance to complete a procedure if they are uncomfortable with their ability in specific situations.

6. Students shall not be used to substitute for regular staff.

*Competency Based Clinical Education*

It is the intent of the programs to provide a format for the evaluation of clinical performance. This approach provides the student with the opportunity to progress at an individual rate consistent with his or her ability, knowledge and motivation so as to ensure meaningful clinical participation.

To ensure clinical competency of all procedures, the system involves completion of:

- Attendance requirements
- Completion of specific objectives
- A process of learning and participating
- Evaluation while performing examinations on patients
  - Demonstrated competency and repetition of competencies from a very specific list of examinations pertinent to area of study.

All areas covered will include:

- Class discussion
- Observation of procedures
- Assistance to technologists during procedure
- Completion of exam under supervision

Note: each program has their own separate standards and requirements for clinical competency which is included and explained in the clinical competency manuals.

**Conduct**

*Clinical Evaluations*

Part of clinical education requires students to be evaluated for progress and attributes. Students will be evaluated monthly or at the end of a rotation. The technologist will complete the evaluation and either return it to the student or the designated clinical instructor. All evaluations are intended to assist the professional growth of the student. Please accept them as constructive. If a student feels they have been evaluated unfairly, they can discuss this with the technology program administrator.

**Comments on Conduct**

You are entering a profession. You have a rare opportunity to start a new beginning. Use it wisely. From the day you start class and walk into the clinical affiliates, new opinions and impressions are being formed of you that could impact your new profession. If you have a complaint or problem, discuss it with the appropriate manager or the technology program administrator so that it can be resolved. Criticism aggravates anxious feelings and is not conducive to learning or quality patient care.

It is important to remember that as a student, one may not always recognize the reason for a certain direction from a supervising technologist. However, it is expected that a student will follow the
directions of an immediate supervisor or staff technologist first and inquire as to the reason after the fact. Failure to abide by these requirements concerning responsible behavior can result in either probation or dismissal. Students should have a courteous, pleasant and positive relationship with patients, physicians, technologists, fellow students and faculty at all times.

The clinical education centers have the right to refuse or suspend students’ clinical education from their facility if the student is viewed as problematic. If a student is removed from a clinical education center, one of the following will occur depending on the reason for the dismissal.

- Dismissal from the program
- A disciplinary contract establishing deficiencies, expectations and potential penalties
- If a student is currently under a disciplinary contract when they are dismissed from a clinical education setting, dismissal from the program will occur.

**Relationships**
All relationships should be based on mutual respect

**Student-Technologist**
Many times technologists must concentrate on their work during peak periods to such a degree that the student may feel that they are receiving little directed attention in the clinical environment. Patient care is always our number one priority and students will quickly fall into the workflow of the department.

**Student – Student**
Students should make every effort to get along with their peers. You will assist each other as students and compete for jobs as colleagues.

**Student – Modality or Site Managers**
Site managers are lead technologists in the field. Students should pay due respect to all managers and technologists. If the student feels the respect is not mutually given, please discuss the situation with the technology program administrator.

**Student – Instructors**
Students must realize that instructors have accepted this assignment on a voluntary basis. They also have patient care responsibilities they must complete. I am sure you will be very pleased with the quality of our curriculum and the commitment of our instructors.
Graduation Requirements
MRI
Academic and Clinical Performance

In order to receive a Certificate of Completion students must:

- Maintain satisfactory progress in courses.
- Complete the required number of clinical hours (550) or considered competent and completed by program director or technology program administrator.
- Complete the ARRT clinical experience requirements.
- Complete all didactic courses.
- Complete the minimum requirements of clinical competency:
  Students need to submit online the clinical experience requirement documentation form with the appropriate signatures and number of cases in order to be eligible to complete the ARRT MR exam.

Tuition and Financial Aid

The tuition for the 2017 academic year is $3,025 and is due in full on or before the first day of the program.

Note: There are no federal loans, PELL grants or international student visas available for this program.

Additional Fees
The following are approximate costs and are subject to changes:

- Scrubs: $100.00
- Parking pass: $135.00
- Textbooks: $300.00 (Cover prices)
- ARRT examination: $150.00

Scholarships
Scholarships for educational expenses are not available through the University.

Withdrawal Policy

MR Student Withdrawal/Refund Policy

If a student withdraws from the program voluntarily within the first 6 weeks and has paid the tuition in full, they are entitled a refund. They will be refunded the amount of tuition paid for the months they did not attend less $200 fee for administrative fees. A student who is dismissed for poor academic or clinical performance or disciplinary problems waives the right to a tuition refund.

Dates for withdrawal are as follows:

- For the January academic session - the second Friday in February
- For the July academic session - the second Friday in September

Latest Revision: December 20, 2016
SIGNATURE SHEET

I have read the Student Policy guidelines for the Program at the University of Utah Health Care, Department of Radiology. I understand my responsibility concerning the program. I am aware that my failure to abide by these guidelines will result in either probation or dismissal.

Signature
___________________________________________

Printed Name
___________________________________________

Date
___________________________________________

I give my permission for the Program to release information regarding my student progress for the following reasons:
  • Hospital or Program Accreditation
  • Affiliate Rotations
  • References for employment

Signature
___________________________________________

Date
___________________________________________