

# RADIOGRAPHY STUDENT HANDBOOK

2025-2026

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#### **MISSION STATEMENT**

The mission of the Radiography program is to provide quality education to students who seek to become competent and compassionate entry-level radiographers in the healthcare community.

# Goal #1 (Program Level Outcome)

# Students will be clinically competent.

- Students will be able to apply Positioning Skills.
- Students will be able to select appropriate Technical Factors.
- Students will be able to practice Radiation Protection.

# **Goal #2 (Program-Level Outcome)**

#### Students will demonstrate communication skills.

- Students will be able to demonstrate oral communication skills in the clinical education setting.
- Students will be able to correctly assess the patient's cognitive skill.

## **Goal #3 (Program-Level Outcome)**

#### Students will use critical thinking and problem-solving skills.

- Students will be able to calculate missing exposure factors.
- Students will be able to correctly assess the patient's cognitive and psychomotor skills.
- Students will be able to critically evaluate radiographic images.

# **Goal #4 (Program-Level Outcome)**

#### Students will model professionalism.

- Students will be able to demonstrate dependability in the clinical education setting.
- Students will be able to conduct him/herself in a professional manner in the clinical education setting.

#### PROGRAM ACCREDITATION

The South Florida State College Radiography Program is voluntarily accredited by:

The Joint Review Committee on Education in Radiologic Technology (JRCERT)

20. N. Wacker Drive

Suite 2850

Chicago, IL 60606-3182 Phone: 312-704-5300 Fax: 312-704-5304

mail@jrcert.org or jrcert.org

#### **GRADUATION REQUIREMENTS**

To be awarded an Associate in Science degree, the student must successfully complete all required courses in the Radiography curriculum and the graduation requirements as listed in the South Florida State College Catalog. In addition, the student must be able to demonstrate clinical competency. Graduation from the program, qualifies the student to take the national certification exam. However, graduation does not *guarantee* national certification or state licensure.

#### **NATIONAL REGISTRY EXAMINATION**

Graduates of the South Florida State College Radiography program are eligible to take the American Registry of Radiologic Technologists (ARRT) examination upon completion of the program. The examination is offered through Pearson VUE centers. If you have been convicted of a felony or misdemeanor, it is highly recommended you contact the ARRT at this number, 651-687-0048, to gain clearance to sit for the exam.

https://assets-us-01.kc-usercontent.com/406ac8c6-58e8-00b3-e3c1-0c312965deb2/fb96dad4-d911-47b8-bd4c-2b06135bdb9b/arrt-primary-handbook.pdf

#### **FLORIDA STATE LICENSE**

The Department of Health Office of Radiation Control must license all persons who practice radiography in the state of Florida. After successfully completing the program, a student may apply for a General Radiographer state license. The state may issue a temporary license number, which will remain in effect until the graduate and state receive notice of the graduate successfully completing the ARRT exam. After successfully completing the exam, the temporary number will be converted to a permanent number. A graduate who fails the examination will lose their temporary license, and will not be allowed to work until the examination has been successfully completed. The Department of Health Office of Radiation Control contact information is as follows:

Department of Health Office of Radiation Control/MQA Radiologic Technologists Certification 4052 Bald Cypress Way Bin # C 85 Tallahassee, FL 32399-1741 Telephone number: 850-245-4910 (doh.state.fl.us/environment/radiation)

https://www.floridahealth.gov/licensing-and-regulation/radiologic-technology/licensing/index.html

#### PROFESSIONAL ORGANIZATIONS

Radiography students are encouraged to become members of professional organizations, such as the American Society of Radiologic Technologists (ASRT). This is the national organization that helps set the educational guidelines for our profession and keeps us updated with the latest information available on the profession. Publications include the "Radiologic Technology" as well as the "ASRT Scanner."

#### **ACADEMIC REGULATIONS**

Students enrolled in the South Florida State College Radiography program will be responsible for observing rules and regulations as stated in the South Florida State College Catalog and Student Handbook, Radiography Program Student Handbook, and the American Registry of Radiologic Technologists Rules and Regulations (see Appendix B). In addition, the clinical affiliates used by the program each have their own rules and regulations that the student is expected to follow. Clinical affiliates, while located away from the College campus, are considered an integral part of the program for student clinical assignments. Each student will rotate through some of these affiliates during their matriculation through the program.

The policies and procedures stated in the Student Handbook represent a contractual agreement between South Florida State College Radiography program and the student. Failure to comply with the policies and procedures in the Student Handbook may result in dismissal from the Radiography program. Each student will sign an Agreement-to-Terms Form confirming that the handbook has been read and each policy and procedure will be followed during the educational period. If the student refuses to sign the Agreement-to-Terms Form, he/she will be required to withdraw from the program.

Situations of academic (including clinical) probation, suspension, withdrawal, grade appeal, discipline, grievance, and dismissal will be handled according to the policies outlined in the South Florida State College Catalog, page 62, and the Radiography Student Handbook.

#### **ACCOUNTABILITY STANDARDS POLICY**

The accountability standards policy aims to assist students in recognizing and rectifying unacceptable behavior, fostering a higher standard of professionalism. Disciplinary measures are implemented to uphold a positive learning atmosphere and ensure safety in the clinical setting.

The program director, clinical coordinator, and/or faculty member will discuss the occurrence with the student and an interaction form will be completed by the faculty member. The specific infraction will be identified, the degree of the occurrence, and the plan of action needed to be taken by the student to correct the behavior.

The student and the program director, clinical coordinator, and/or faculty member will sign the interaction form. The student will receive a copy and a copy will be placed in the student's file.

Each written warning or probationary period will incur a **two-point** deduction from the final course grade corresponding to the disciplinary action unless points have been lost due to absences or tardiness.

If a student accumulates more than three written occurrences throughout their enrollment in the program, the program director reserves the right to dismiss the student from the program, as this behavior demonstrates a blatant disregard for the policies of the Radiography program.

Non-compliance with SFSC, the Radiography program, and hospital regulations may lead to one or a combination of the following consequences:

1. **Verbal Warning** - A verbal warning to a student that his/her behavior, performance, and/or actions are unacceptable, and that stronger disciplinary action will result if the behavior is not corrected. All warnings are documented on an interaction form.

Examples: violating dress code; creating discord or disruption to others while at clinic or in class setting; parking in any area other than the designated parking at a clinical site; unsatisfactory academic/clinical behavior or actions; on the fourth tardy in one course in one semester; on the fourth absence in one course in one semester; on the fourth missed clock-in or clock-out in one semester.

Corrective Action Plan: Includes but is not limited to assigning the student a faculty mentor, initiating the Beacon Early Alert System, referring a student to the Division success coach/TLC, and/or utilize 5G.

2. **Written Warning** - This is a formal behavioral agreement, drawn up between the student and the program director, clinical coordinator, and/or faculty member. It lists the specific behaviors, performances, and/or actions that are unacceptable and that need to be corrected within a designated amount of time. One copy of the written agreement will be provided to the student, while another will be entered into the student's file as documentation as a warning to the student. All warnings are documented on an interaction form.

Examples include: Reoccurrence of violation in verbal warning; on the fourth absence in one course in one semester (including personal day); creating or contributing to unsanitary conditions; violating the No Call-No Show Policy (didactic or clinical); with the exception of lunch breaks, phone calls, or visitors during clinical rotations that aren't of emergent need; unauthorized absences from the assigned area or class; and use of cellphone on their person while in the clinical setting.

Corrective Action Plan: Includes but is not limited to initiating Beacon Early Alert System, utilizing 5G, and referring the student to the Division success coach and/or mental health services (BayCare).

3. **Probation** - This action may be taken as a last resort for those students who continue to display inappropriate behavior or who commit an unacceptable action/behavior that is considered to be of a serious nature. Probation is a minimum of an eight-week period of time (unless otherwise specified by the program director), excluding collegewide time off. During this time, a student may not incur an infraction of any rule or regulation as stated in the Radiography Program Handbook. Should a violation occur, it will automatically result in a recommendation to the program director for the students' dismissal from the program should this occur. All probations are documented on an interaction form.

Examples: Reoccurrence of violation in written warning; failure to observe and practice the radiation safety guidelines; violation of safety rules or hospital safety practices; causing harm to a patient, visitor, or fellow worker through negligence or inattention to duties; violating the Radiography Energized Lab Policy; insubordination (refusal to respond to the reasonable request by instructor, clinical coordinator, and/or program director);

Corrective Action Plan: Includes but is not limited to referring the student to the Division dean and/or mental health services (BayCare).

4. **Program Dismissal** - If after the appropriate actions have been carried out and the student still fails to improve the performance or continues repeated occurrences, the student will be dismissed from the program. Dependent on the violation, a student can be subject to immediate dismissal from the program without prior action being taken, all dismissals are documented on an interaction form.

Examples: Reoccurrence of violation in verbal, written, and/or probation section; violations of the SFSC Student Handbook and/or SFSC College Catalog, conviction of a felony; willful falsification of a document, identification, and/or records; breach of confidentiality; unauthorized accessing or sharing of confidential information at the hospital/college; performing a radiographic exam without a physician's order; and sleeping while in the clinical setting.

Corrective Action Plan: Includes but is not limited to referring the student to the Career Development Center and/or mental health services (BayCare).

#### **CLASSROOM AND CLINICAL ATTENDANCE POLICY**

Regular and punctual class attendance is mandatory of all students in order to obtain full benefits in class and to develop desirable personal traits necessary to succeed in employment. Instructional time missed is a serious deterrent to learning, therefore, students are responsible for fulfilling the requirements of the course by attending and completing course assignments.

Students are permitted one personal day throughout the semester per course. These personal days are NOT cumulative. Excluding the one personal day, two days throughout the semester per course are permitted for **excused** absences. Attendance will account as **5% of the final grade**. Any absence exceeding these three days will result in a reduction of the 5% attendance grade. There will be a **reduction of five points** from the **attendance grade** for each additional absence (excused or unexcused) after the third occurrence. An excused or unexcused absence that results in multiple days missed in one single occurrence will be considered a single absence. For example, if a student is sick for three days but has a physician's note or other supporting documentation, will be considered as a single absence. If instructional time in class or clinic is missed for excusable reasons, the student will be permitted to make up work to the extent possible. The student will be responsible for getting notes and/or assignments. Because of the nature of some learning experiences, especially, laboratory sessions, it is difficult, if not impossible, to duplicate. Absences or tardiness of an individual is a major disruption to the performance of others in the class and will not be tolerated.

NOTE: Any time a student misses more than three consecutive days of class and/or clinic due to illness or other reasons, the student must obtain a physician's note or other forms of valid documentation verifying absence before returning to class or clinic unless arrangements were made prior to the absence.

It is the joint responsibility of the student and instructor to discuss attendance patterns that will endanger the success of the student in the course. If it appears that a student will not be able to complete a course successfully, the instructor may advise the student to withdraw no later than the official withdrawal date published in the current Academic Calendar.

#### **Excused Absences:**

- 1. Serious illness, surgery, hospital confinement, or valid medical reason.

  Documentation from a healthcare provider verifying illness must be presented to the instructor.
- 2. Death in the immediate family. Documentation must be provided.
- 3. Statutory governmental responsibilities, like jury duty or a court subpoena. Documentation must be provided.
- 4. Mental Health Day, prearranged absence, and/or other circumstances as determined by the Radiography Education faculty/director.

#### **Unexcused Absences:**

- 1. One absence–Conference with instructor. Reduction of five points from the attendance grade of the course.
- 2. Two absences- Meeting with Radiography director, clinical coordinator, and/or faculty and formal documentation to student file. Action plan initiated to prevent

- further occurrences. A reduction of five points from the attendance grade of the course will be applied for the second absence.
- 3. Three absences– Subject to withdrawal from the program and reduction of five points from attendance grade of the course.
- 4. **Missing more than half of the class, lab, or clinical day is also considered an absence.** Students may not leave the clinical setting for any reason without first requesting permission from the clinical instructor and making arrangements of how time will be made up. The clinical coordinator will also need to be apprised of this absence upon approval from clinical instructor.
- 5. Tardy is defined as arriving to class five minutes after the start of class, leaving class early, and being away from class during class hours. A student will be designated as absent if they arrive 16 minutes or later after the start of class. The instructor will designate the official clock to be used in each setting. Each tardy will result in a three-point reduction from the attendance grade. If a student is tardy four or more times in one course in one semester, they will be subject to disciplinary action.

#### The responsibility of the student:

Students are responsible for all material covered in scheduled classes whether or not they were in attendance. The student must assume the task of obtaining the material they need from classmates or the instructor. If a test is missed, the student is expected to take it on their first day back to classes. Any delay in taking a missed test will result in a 10% grade reduction.

If an absence will result in a missed test, student project, student assignment, or presentation, the instructor must be notified prior to the missed class to determine if the assignment can be made up.

Anytime a student misses more than three consecutive days of class and/or clinic, the student must obtain a doctor's note for the missed time before returning to class or clinic. The faculty may develop guidelines for advance notice of absences or make-up.

Attendance at clinical education settings during regularly scheduled hours is **mandatory**. Attendance is critically important since appropriate supervision of the student to accomplish the learning and performance objectives in accordance with guidelines can be completed only when certain supervisory and teaching personnel are present. Also, proper rotation and variety of studies are available primarily during these times. First and second year students are assigned specific clinical rotation days. An absence is considered anything more than half of the assigned clinical time for the day. It is the student's responsibility to notify the clinical coordinator and clinical instructor.

**In the event of absence,** contact two of the following personnel in the event of an absence:

- a. Clinical instructor, if unavailable, the floor supervisor
- b. Clinical coordinator, if unavailable, leave voicemail and/or text message
- c. Program director, if unavailable, leave voicemail and/or text message

Failure to notify appropriate personnel listed above will result in a written warning.

Clinical time missed due to an **excused or unexcused absence** must be made up. Clinical absences must be made-up by the end of the term in which the absences occurred. Students anticipating a clinical absence may request to make up the missed time in advance with the approval of the clinical coordinator. Advance notice must be provided, and the student is responsible for coordinating directly with the clinical instructor at their assigned site to schedule the make-up time prior to the absence. If the missed time is not made up in advance, the student must arrange to make up the time after the absence, in coordination with both the clinical coordinator and clinical instructor. All make-up time must be completed within the same semester in which the absence occurred. Each term a makeup week is scheduled at the end of the term to ensure students are successful in completing any time missed if they are not able to capture the hours prior to this week. If a student misses more than three consecutive days of clinicals, the student must obtain a doctor's note or other valid supporting documentation for the missed time before returning to clinic.

All doctor, dental, and other appointments should be made outside of scheduled school time. If for some reason this is not possible, the student must submit their name, date, time of appointment, and reason to the program director/clinical coordinator **no later than one week before the scheduled appointment via email**. The student must provide written confirmation that he/she kept the doctor's appointment.

An exception to this policy is an extended illness which requires appropriate documentation (physician's orders stating illness and release to return to school) for which make-up arrangements will be made on an individual basis. "Extended illness" is any illness that keeps one from attending school for three or more consecutive days.

Extended illness circumstances are traumatic, uncontrollable events, such as having surgery (other than elective surgery); maternal/paternal leave; prolonged hospitalization; or death of a spouse, child, or parent/guardian that prevent the student from attending clinic for an extended period of time.

#### **CLINICAL MAKE-UP TIME**

During make-up week, the student is responsible for scheduling any time missed during the semester with the clinical instructor. If the student fails to fulfill the scheduled make-up time without prior notification, it will be counted as additional missed clinical day and will incur a deduction in the attendance grade.

## **SCHEDULED TIME OFF POLICY**

In the event that there is an important circumstance (wedding, family reunion, etc.) that conflicts with your school schedule, you may request time off. Days missed will be considered a part of the two excused absences and a student may opt to use their "personal day" for this time off. A student will not be granted approval if these days are exhausted for that semester for that course. Approval or denial of the request will be decided by the program director and be dependent on the following criteria:

- A. Request must be made in writing to program director at least two weeks in advance.
- B. Clinic and classroom performance must be at a "B" average. All current assignments must be completed.
- C. Student must have previously demonstrated consistent adherence to program policies.

- D. Student must have no make-up time pending.
- E. Only one request for time off is permitted per school year and must not be longer than one week in length, e.g., Monday to Monday.

Upon approval of the request, arrangements to make up requested time off will be made in advance.

It may not be possible to approve all requests due to inability to schedule clinic make-up time.

#### **VOLUNTARY CLINIC TIME POLICY**

Voluntary clinical time is at the discretion of the student and is not a requirement. Voluntary clinical time must be scheduled and approved by the program faculty. Voluntary time cannot be used as make up time. If for any reason a student finds they are unable to be present for the scheduled voluntary time they must give a twenty-four hour notice. Any abuse of this policy will result in the student losing this privilege. For reasons of accountability, liability, and responsibility we need to know when you are going to be in clinical areas.

#### **SUBSTANCE ABUSE POLICY**

A student who is unable to perform clinical and or laboratory activities as assigned with reasonable skill and safety to patients by reason of illness, or use of alcohol, drugs, narcotics, chemicals, or any other type of material, or as a result of any mental or physical condition, shall be required to submit to mental or physical examination. The physician and healthcare practitioner must possess expertise to diagnose the impairment. Cost of the examination will be the responsibility of the student. Failure to submit to such an examination within 48 hours of requirement may result in dismissal from the program.

#### **DUE PROCESS POLICY**

If a student, faculty, or community of interest feels that the program is not in compliance with the JRCERT Educational Standards, they are requested to notify the program director in writing of any allegations or complaints.

The program director will investigate the complaint and will answer the student, faculty or community of interest within 10 days from the date of receipt of the written complaint.

If the student, faculty, or community of interest is not satisfied with the response, they should notify the dean of Health Sciences. The dean of Health Sciences will investigate and respond to the student, faculty, or community of interest within 10 school days.

If the student, faculty, or community of interest is not satisfied with the response, they should notify the vice president for academic affairs. The vice president for academic affairs will investigate and respond to the student, faculty, or community of interest within 10 school days.

If the student, faculty or community of interest is not satisfied with this response, they should notify the:

The Joint Review Committee on Education in Radiologic Technology (JRCERT) 20 N. Wacker Drive Suite 2850 Chicago, IL 60606-3182

Phone: 312-704-5300, Fax: 312-704-5304, email@jrcert.org or <u>ircert.org</u>

#### **HEALTH AND SAFETY POLICY**

The Radiography program strives to afford a safe learning environment that is free of accidents and disease transmission to all students, faculty, and staff. Unfortunately, accidents and sickness do occur without notice or warning. Enrolled Radiography students are required to notify program officials if they believe they may have been exposed to any communicable/contagious disease. Please refer to the Radiography Handbook's *Communicable Disease Policy* for proper compliance.

Reporting of any injury/accident that occurred which negatively impacts the student's attendance or meeting the physical requirements of the program is required for both the clinical and didactic setting. The Accident and/or Injury Policy in the Clinical Setting will provide the appropriate guidance at the clinical site. In the event an accident and/or injury occurred off-campus and a student cannot meet the physical requirements, a Radiography Technical Skills and Abilities Form must be completed by a licensed medical provider prior to their return. Any absences will be made up in accordance to rules governing absence regarding this event.

If a student is pregnant and complications arise, program officials are to be notified immediately of the change in status. A student is approved to return once a Radiography Technical skills and Abilities Form is completed by a licensed medical physician and submitted to the program director and clinical coordinator. If the physical requirements of the program cannot be met, the student must refer to the Radiography Handbook's Pregnancy Policy in order to decide how they wish to proceed. The director and clinical coordinator must be apprised of the student's decision in writing. The goal of the Health and Safety Policy is to provide guidance in the event unforeseen events occur. It is the student's responsibility to familiarize themselves with the policies to ensure the reporting is completed in a safe and timely manner.

# ACCIDENTS AND/OR INJURY IN THE CLINICAL SETTING - HEALTH OCCUPATIONS DIVISION GUIDELINES

# Department of Education The State of Florida

- 1. Students who are injured in the clinical education setting should immediately notify a clinical instructor.
- 2. An Incident Report form must be completed by the clinical supervisor and submitted to Risk Management within 24 hours of occurrence.
- 3. All clinical facilities by contractual agreement must provide access to acute emergency care in the event of accident or injury to a student.
- 4. A student is responsible for all expenses charged by the clinical facility in rendering medical care. Students are covered by an accident policy through South Florida State College. Submit claims to the program director. The clinical facility is not responsible for any claims for expenses that result from an action of a student in the clinical setting.
- 5. Students in health occupation programs are strongly urged to carry a personal health insurance policy.
- 6. A Radiography Physical and Technical Abilities Form must be completed by a licensed medical provider if hospitalization occurred or maximum performance level was

impacted negatively. The student may then return to the program upon completion of this document. Any absences will be made up in accordance to rules governing absence.

#### **COMMUNICABLE DISEASE POLICY**

During the two-year program, a student may contract a communicable disease from a patient or the general public. In order to protect patients, faculty, staff, and other students, the following rules must be adhered to:

- 1. A student must notify the clinical coordinator and program director immediately upon the start of symptoms relating to the illness and/or being diagnosed with a communicable disease.
- 2. The student must submit written documentation from the diagnosing physician indicating how their contact with patients, faculty, staff and students should be limited.
- 3. The faculty will remove the student from the clinical rotation and classroom instruction and the student may return in accordance with the recommendation of the diagnosing physician.
- 4. Classroom and clinical absences will be handled according to the previously described attendance policies.
- 5. A Radiography Physical and Technical Abilities Form must be completed by a licensed medical provider for a student's return to the program in the event a disease or illness requires hospitalization. Any absences due to hospitalization will be made up in accordance to rules governing absence.

In recognition of the possibility of coming into contact with patients who carry a communicable disease capable of being spread by blood or bodily fluids, Radiography students at South Florida State College should follow these guidelines:

- 1. Hands should be properly washed before and after each patient contact.
- 2. Gloves:
  - a. Should be worn when the possibility of exposure to blood, mucous membrane, body fluids, or secretions exists
  - b. Should also be worn when handling items soiled with blood or equipment
  - c. Should be changed if there is a break in the glove either by needle stick or tear
  - d. Must be changed between patients
- 3. Needles:
  - a. Considered as potentially infectious and handled with extraordinary care to prevent accidental injuries
  - b. Should be disposed of in biohazard, puncture resistant containers located in designated areas at each clinical affiliate
  - c. Should NOT be recapped, bent, broken, and/or removed from disposable syringes, or otherwise manipulated by hand
- 4. When performing procedures involving any contact with blood or body fluids, gloves, gowns, masks, and goggles should in accordance with affiliate procedure
- 5. To minimize the need for emergency mouth-to-mouth resuscitation, mouth-to-mouth masks should be used in accordance with affiliate procedure
- 6. All students will be required to obtain Hepatitis B vaccines

#### **PREGNANCY POLICY**

Students are advised that pregnancy may interfere with meeting the objectives of the program, and may delay completion of the program. It is the student's choice to remain in the program with or without modification or discontinue the program should she become pregnant. A student who is pregnant or suspects she is pregnant may or may not inform the program officials. If she chooses to inform the program officials of her pregnancy, it must be in writing and indicate the expected date of delivery. The pregnant student also has the right to revoke her declaration at any time; however, the withdrawal of declaration must be in writing.

The pregnant student will receive counseling according to Nuclear Regulatory Commission (NRC) Regulation 10 CFR Part 20.1208 "Dose to an Embryo/Fetus" and National Council on Radiation Protection and Measurements (NCRP) Report No. 116, "Protection of the Embryo-Fetus." She must then choose one of the following options:

- 1. Continue in the program without modification with the understanding that any absences will be made up in accordance to rules governing absence.
- 2. Continue in the program with the exception of clinical education courses a student who withdraws from the clinical education courses will be provided the opportunity to complete the courses on a space available basis. She will be required to resume the clinical education courses during the term immediately following medical approval by her personal physician to return to normal activities, not to exceed one-year post-partum. Withdrawal from clinical education courses requires the student confer with the program director to develop a revised program of study.
- 3. Withdraw from the program re-admission will be based on the student's performance records at the time of withdrawal and available clinical space at the time of re-entry.

#### **RADIATION SAFETY POLICIES**

All students must wear a radiation personnel monitoring device near their neck. **The device must be worn at all times during clinical rotations and in the College's energized laboratory**. Prior to the start of the program, the student will attend orientation whereby the proper wear, use, and storage of the radiation badges will be covered. Radiation badges will be given to students the first day of class in the fall semester of their first year. Failure to report to assigned clinical site or the energized lab with their badge will be sent home to retrieve the badge. Attendance Policy will be applied accordingly as a result of this event. The student will be required to make up any missed time as a result of incompliance with this policy. The students are required to complete a Radiation Safety/Protection Guidelines and Acknowledgement Form the first day of class. Additionally, the badges will be kept on site at the college in the fall term until the day prior to the first day of clinic in the spring term.

Radiation personnel monitoring devices are changed quarterly. Students are required to ensure that their radiation personnel monitoring devices are up-to-date. All students have the right to be informed of their quarterly radiation readings and must initial the radiation dosimetry report. Personnel radiation monitoring devices are not to be worn when a student is receiving radiation for personal medical or dental examinations/procedures.

All students must exercise safe radiation protection practices at all times and at no time may a student participate in a procedure using unsafe radiation protection practices. Unsafe radiation protection practices are grounds for dismissal from the Radiography program. These unsafe practices include, but are not limited to:

- 1. Students must never be exposed to the primary X-ray beam. Therefore, no student should hold image receptors during any radiographic procedure(s) or a patient when an immobilization method is appropriate for the standard care.
- 2. Intentionally or unintentionally exposing another student while the student is not safely behind the secondary barrier in the clinical education settings or the College's energized laboratory.
- 3. Attempting any procedures under indirect supervision until competency has been achieved.
- 4. Repeating radiographic images without the direct supervision of a radiographer.

#### College-Energized X-ray Unit

- 1. Before making a radiographic exposure, be sure the door to the energized laboratory is closed tightly and the control panel is set.
- 2. Be sure to turn the appropriate positioning locks on/off on the tube housing before attempting to move unit. This will help prolong the life of the equipment.
- 3. Do not, under any circumstances, radiograph another classmate using this unit.
- 4. Obey safety rules when working with any equipment. Report all defects in the operation of equipment to program faculty. NEVER play with the equipment.
- 5. Do not eat or drink in the College's energized laboratory X-ray room.
- 6. While positioning the phantom or a fellow classmate can be fun, do not lose sight of the fact that you are working with heavy electrical equipment and injuries can occur (e.g., hitting head on tube stand). Therefore, good conduct is required when operating the unit. Should injury occur, please report it to the instructor immediately.

ALL EXPOSURES ON HUMAN BEINGS ARE TO BE TAKEN FOR MEDICALLY VALID REASONS ONLY.

#### **RADIATION DOSE LIMIT POLICY**

All students enrolled in the Radiography program must comply with keeping their radiation exposure as low as reasonably achievable (ALARA) according to the Nuclear Regulatory Commission (NRC). Students are expected to wear their personnel monitoring device as instructed by program faculty and loss or mishandling of the personnel monitoring device must be reported to faculty as soon as possible.

Doses must NOT exceed NCRP requirements. Should a monitor report indicate an exposure of 125 mRem per quarter or 500 mRem per year or higher for a student, the following steps will be taken:

- 1. Notification of student of excessive dose.
- 2. A conference between the student, program director, and/or clinical coordinator will be held.
- 3. An action plan will be determined to reduce future excessive exposure.

#### **MAGNETIC IMAGING SAFETY POLICY**

The program requires every enrolled Radiography student to view a "Basic MRI Safety Training (Level 1 MR Personnel)," video and to print a "Statement of Participation" certificate once completed. In the first semester of the program prior to entering the clinical setting, and again in the fourth semester, annually, the students are required to complete the MRI Safety Screening Student Information, which is reviewed and cleared by an approved registered Magnetic Resonance Imaging clinical personnel. The document will be placed in the student's file and is kept in the Program director's office. **The student is required to notify the program director should their status change.** 

This video provides basic information regarding MRI technology, describes common hazards and unique dangers associated with the MRI environment, and presents guidelines and recommendations to prevent accidents and injuries. This video is appropriate for medical and other personnel who may occasionally or periodically encounter MRI facilities as part of their employment and emphasizes the potential hazards of the MRI environment and the necessary safety precautions that particularly impact such groups.

This video also reviews fundamental MRI safety protocols and meets training recommendations set by the American College of Radiology and the requirements of the Joint Commission. The video may be access at the following:

https://www.youtube.com/watch?v=VzdSqYkMIRw

#### RADIOGRAPHIC CLINICAL EDUCATION ASSIGNMENT AND ROTATION POLICY

Diagnostic Imaging involves a wide variety of elements; therefore, learning the art and science of the profession requires significant demonstration, discussion, and more supervised clinical experience than any other Allied Health Technology. To obtain ample and varied experience in diagnostic procedures, students rotate through a minimum of three of the eight clinical education settings, including two of the larger clinical education settings. The eight clinical education settings include DeSoto Memorial Hospital, AdventHealth Wauchula, AdventHealth Lake Placid, AdventHealth Sebring, HCA Florida Highlands Hospital, Central Florida Healthcare Winter Haven, Central Florida Healthcare Avon Park, and Florida Joint and Spine. Rotation through more than three clinical education settings may at times be difficult due to geographic location and after school employment; however the necessary experience gained through site diversity outweighs the inconvenience to the student.

#### Transportation to clinical education settings is the student's responsibility.

While assigned to the clinical education settings, students follow a clinic area rotation schedule that includes routine diagnostic radiography, bedside radiography, and operating room procedures. A second-year student who has completed and documented successful completion of all Clinical Competencies, all 10 Patient Care Competencies, and is interested in being assigned to one or more advanced imaging modalities (e.g., bone densitometry, angiographic/interventional procedures, mammography, etc.) to further enhance his/her learning experience may do so in writing. The request must be in writing to ensure availability, instruction, supervision, and evaluation. The advanced imaging modalities rotation will have the same learning objectives as in routine musculoskeletal procedures in "Radiographic Procedures I and II" including geriatric patient (physically or cognitively impaired as a result of aging), fluoroscopic, pediatric, and traumatic procedures in

"Radiographic Procedures III," and computed tomography, magnetic resonance imaging in "Introduction to Sectional Anatomy and Computed Tomography, RTE 2763." Assignment to advanced imaging modalities will only be considered during "Radiographic Clinical Education V."

The method by which clinical education settings are initially assigned to beginning students is as follows:

The clinical coordinator/director create the Student Clinical Rotations Schedule. Students will be assigned to the clinical sites based on their clinical competency needs, availability of exams, staff, and equipment. Every effort is made to accommodate student needs while providing for an equitable clinical education experience.

#### MAMMOGRAPHY AND OTHER GENDER SPECIFIC CLINICAL ROTATION

The program will make every effort to place a male student in mammography and other gender specific procedures, e.g., hysterosalpingography. If clinical rotation is requested, the program will not attempt to override clinical educational settings' policies that restrict mammography and other gender specific procedures to female students.

Male students should be advised that placement in mammography and other gender specific procedures is not guaranteed and, in fact, would be very unlikely. To deny mammography and other gender specific educational experience to female students would place those students at a disadvantage in the workforce where there is a demand for appropriately educated professionals to address the needs of patients.

It should be noted that the same clinical education settings' policies that are in place during mammography and other gender specific procedures are most likely applicable upon employment, thus, limiting access for males to pursue careers in mammography and other gender specific procedures.

## **DISMISSAL FROM A CLINICAL EDUCATION SETTING**

If a student is dismissed from a clinical education setting for academic or disciplinary reasons, the student may appeal the decision via written documentation and submit the written document to South Florida State College's Radiography program director. The program director will investigate on the student's behalf and attempt to resolve the matter. However, the clinical education setting shall have priority to determine if a student is permitted to return to the clinical education portion of the program at that clinical education setting. The program director will make every effort to re-assign the student to another clinical education setting if he/she is unable reassign the student to the clinical education setting in question.

#### **READMISSION POLICY**

Students who request readmission to the program must reapply by the deadline of the application process. Readmission is not guaranteed. Students applying for readmission must be aware they are required to start and complete the program in its entirety. If accepted, students will begin in the fall semester as a first-year student. A radiography course may

only be repeated once. A student will be eligible for readmission to the program one time only and must adhere to the following:

- Complete the admission procedure again
- Meet with the program director/coordinator to determine why student was not successful in passing a course

In consultation with the program director/coordinator, develop a letter asking for readmission that identifies why the student had to leave the program and steps to be taken to ensure that the obstacles encountered will be removed/resolved. This letter will be reviewed by the Admission Committee and the Committee will decide by a majority vote if the student's application will progress and points calculated.

Items that will be considered for readmission by the program director/coordinator are the student's:

- · Past disciplinary record
- Grade record and clinical performance
- Record of absenteeism and tardiness

#### TRANSFER POLICY

General education credits may be transferred if they are equivalent to those required by the SFSC Radiography program. SFSC transcript evaluators should be consulted first to determine transferability of courses; final conferral of transfer is done by the SFSC registrar. Radiography course credits earned at other regionally or JRCERT-accredited institutions may be transferable. Official transcript and course descriptions review is required, with analysis to match/align with 75% of the previously obtained course content with the SFSC Radiography program content. Transfer of credits may be accepted only for coursework passed with a "B" or above and must be obtained within the last two years. This analysis will be done by the SFSC Radiography Department/faculty and other applicable personnel from the College. If approved, the student may transfer only if adequate clinical site placement and resources are available.

## STUDENTS WITH DISABILITIES POLICY

South Florida State College seeks to ensure that programs, services, and facilities are accessible to and usable by persons with disabilities. If you are a qualified student with a disability, the College will make every effort to provide reasonable accommodations.

The following College staff members have been assigned to assist in ensuring that you have access to the College's programs, services, and facilities. Please contact these individuals if you require assistance:

Dr. Mark Bukowski Vice President of Student Services ADA Student Coordinator 863-784-7107

Mr. Donald L. Kesterson Jr. Director, Human Resources ADA Employee Coordinator

#### LIABILITY AND ACCIDENT INSURANCE

Students should maintain their own health insurance since it is not provided through the college. The College also does not provide workers compensation for students.

#### **APPROXIMATE PROGRAM COSTS**

Resident Tuition	\$7,097
Laboratory Fees	\$781
Graduation Fee	\$15
FDLE/Drug Screen	\$132
Textbooks	\$1,600
The American Registry of Radiologic Technologists Examination	\$225

#### **PINNING CEREMONY POLICY:**

The pinning ceremony occurs at the completion of all didactic and clinical work as required for the Associate in Science in Radiologic Technology degree. All second year students are **strongly encouraged** to participate in the rehearsal and the pinning service. All first-year students are encouraged to assist with the organization (set up/clean up) and attend the pinning reception.

#### **CLASSROOM DRESS CODE POLICY**

- 1. Maintain a neat, clean, well-groomed professional appearance.
- 2. Tops: Must be long enough to cover the beltline at all times. Pajamas, strapless, off-the-shoulder, cold shoulder, peek-a-boo, low-cut/deep scoop neck, see-through, mesh, tank-tops, spaghetti strap, tight fitting, slitted sides, cropped, and distressed shirts are not permitted.
- 3. Bottoms: Will be worn at the natural waist. Shorts must be finger-tip in length. Must not be more than one size larger than normal size. Holes, rips, see-through, or tights are not permitted.
- 4. Head Coverings: Religious exemptions per student. Hats, caps, hoods, and head-coverings (including bandannas) are not appropriate and must not be warn during class.
- 5. Outerwear: Jackets, sweaters, sweatshirts, and coats may be worn as required for comfort due to weather conditions. Trench coat or duster style jackets are not permitted. Hoods must be removed indoors.

- 6. Footwear: Shoes must be worn at all times. Athletic, boots, dress, and sandal types of shoes are allowed. Bedroom slippers, roller-skate shoes are not appropriate attire on campus. Close-toed shoes are required when using the energized lab or performing patient care activities.
- 7. Perfume, scented lotion, scented aftershave, or other scented toiletries are not permitted in the classroom and/or lab.
- 8. There are times when the polo top is required for on-campus activities. Black or khaki bottoms are required. Bottoms cannot have holes or tears in them. Shoes are to be close-toed. Hair is to be pulled back and off the collar. Jewelry must align with clinical requirement.

#### **CLINICAL DRESS CODE POLICY**

Students are required to appear professionally dressed and groomed whenever they are in attendance at all clinical sites. **The designated uniform, name badge, lead markers, and radiation dosimeter must be worn at all times.** Failure to have these items will result in student being sent home and will negatively impact their grade as this is considered an unexcused absence.

# General Requirements:

Students will be identified by wearing:

- 1. South Florida State College identification/emblem embroidered above the left upper pocket.
- 2. Student uniforms shall be "Caribbean blue" in color. No substitute material or street clothing is acceptable.
- 3. Uniforms must be clean and neat (no wrinkles).
- 4. Appropriate undergarments must be worn and must not be visible through the uniform.
- 5. Solid white black nursing-type shoes or athletic (leather or vinyl) shoes must be worn.
- 6. Solid white socks with white shoes or black socks with black shoes must be worn with. Women may wear white hosiery with uniforms.
- 7. Shoes must be clean and polished at all times.
- 8. When needed, a **black** long-sleeved shirt may be worn under the scrub top.
- 9. A "Caribbean blue" lab jacket is permitted when needed. School badge must be worn on the outside of the jacket.
- 10. No badges, pins, buttons, or stickers may be worn unless issued and approved by the hospital or college.
- 11. Jewelry is limited to a wedding band, a watch of professional appearance, and one pair of earrings (stud only). Necklaces and hoop earrings are prohibited.
- 12. Any body piercing, other than ear lobes, exposed to the patient (i.e. nose, lip, eyelid, etc.) must be removed or replaced with a clear (translucent) or nude piercing while in clinic.
- 13. No hats or caps may be worn unless specified as approved dress code in a clinical area.
- 14. Women's hair that is long enough to be pulled back must be off shoulders and secured up to prevent any contact with patient while on duty. Acceptable hair

accessories include barrettes, combs, and/or headbands which match the hair color, or in black, gold, silver, tortoise shell, and without ornamentation. **Hair must be a natural color.** 

- 15. Men's hair should be neat, **a natural hair color**, and a clean shave are essential. The hair is to be neatly groomed so that it does not extend beyond the top half of the ear. Hair must not hang out over the shirt collar.
  - Sideburns, mustaches, and beards should be neatly trimmed, extending no more than 1/4" from the skin.
  - Additional restrictions may be made due to health and safety precautions. For instance, for persons providing patient care, facial hair that interferes with the seal of the N95 respirator is prohibited.
- 16. Fingernails must be kept short **(no longer than fingertips)**, clean, and well-groomed. Acrylic or artificial fingernails or tips are **not** permitted. Clear polish can be worn. No polish of color is allowed.
- 17. Strong perfumes and colognes are not permitted.
- 18. Body cleanliness is mandatory, so that no offensive body odors are perceived by others including but not limited to cigarette smoke.
- 19. Students may wear O.R. scrubs during O.R. rotations ONLY.

Under no circumstances shall O.R. scrubs be worn outside the hospital or taken home.

NON-COMPLIANCE WITH THE DRESS CODE WILL RESULT IN DISCIPLINARY ACTION. IF YOU ARE NOT DRESSED APPROPRIATELY, YOU WILL BE SENT HOME AND REQUIRED TO MAKE UP THE TIME MISSED. BEING SENT HOME IS CONSIDERED AN UNEXCUSED ABSENCE AND WILL IMPACT THE FINAL GRADE FOR THAT COURSE.

#### **LEAD MARKERS POLICY**

Lead initial markers are used in clinic and lab. They must contain three letters (for example, LTS) "S" to identify student. Students should take care not to lose their lead markers and should always have both lead positional markers with them when in the clinical/lab setting. The first set of markers are purchased in the first semester of the program and will be dispersed to the student at the end of the first semester. It is the student's responsibility to replace lost markers within a timeframe of one week when they are lost. Students are responsible for the purchase of any lost/additional markers. The new set of markers must be identical to the originals and may contact the program director regarding questions on the purchase of the additional lead markers. Students are required to notify the Radiography program director and clinical coordinator when lead markers are lost.

#### **GRADING POLICIES**

Radiography students must meet or exceed the following requirements to be retained and promoted:

1. Each student must adhere to the Academic Ethics Policy as outlined in the South Florida State College Catalog. The student will be subjected to administrative and/or disciplinary penalties in acts of dishonesty, cheating, plagiarism, or failure to fulfill responsibilities in the clinical education settings and/or lab areas.

- 2. Each student is required to achieve and maintain an overall GPA of 2.75 or higher in all general education courses with no grade below a "C." These courses will be graded and evaluated according to the policy of the individual instructor.
- 3. The following grading scale will be used for <u>all</u> courses prefixed with the letters RTE and HSC 1230 C:

A = 100 - 90 B = 89 - 80 C = 79 - 70 D = 69 and below

The instructor will provide a supplemental sheet with the dates of the lecture schedules, and all written examinations and/or reports during the first class at the beginning of each term. The final grade will be computed according to the supplemental sheet provided by the instructor. Each student is required to achieve and maintain a **grade of 80%** as a first and second-year student in all courses pre-fixed with the letters RTE and HSC 1230 C. Didactic and clinical grades are computed separately. If a student fails to obtain the grade as described above in any radiology course (didactic or clinical), he/she must withdraw from the Radiography program.

#### **EXAM POLICY**

This policy aims to maintain fairness and accountability while accommodating legitimate reasons for a missed exam.

- Documentation for Absence: Students are permitted to miss one exam per semester, per course, provided they submit proper documentation supporting their absence. Acceptable documentation includes medical documents, family emergency notices related to immediate family only, and/or proof of automobile issues. It is the responsibility of the student to communicate any absence upon immediate knowledge exam will be missed. The student may text the instructor of the initial absence but must follow up with an email showing supportive documentation no later than 48 hours from the time the absence occurred.
- 2. Consequences of a missed exam without supporting documentation: Failure to provide proper documentation for a missed exam will result in a five-point reduction from the final grade for that exam.
- 3. Reschedule exam: Exams must be taken within three days upon their return from the absence. It is the student's responsibility to schedule the makeup exam with the testing center. The instructor reserves the right to administer a written exam as a replacement for the original exam. The written exam will cover the same material missed.
- 4. Additional Missed Exams: Only under specific circumstances will a student be permitted to miss a second exam. Each student's situation is different and supporting documentation must be presented to the instructor if a second exam is missed. The instructor will then review the documentation and decide what's the best way to proceed based off what's in the best interest of the student situation.

# **LATE WORK POLICY**

Students who miss an assignment deadline must submit their work within five days of the original due date. Late submissions will incur a penalty of 10% per day late, up to a maximum of 50%. After six days, late submissions may not be accepted unless extenuating circumstances apply.

# South Florida State College Radiography Program 2025-2026 Radiography Curriculum

Prerequisite		Course	Lecture	Lab	Clinic	Credit
BSC	1085C	Anatomy and Physiology I	0	0	0	4
MAC	1105	College Algebra or equivalent	0	0	0	3
ENC	1101	Freshman Composition I	0	0	0	3
		Total:	0	0	0	10

Fall	First	Course	Lecture	Lab	Clinic	Credit
MCB	2010C	Microbiology	3	1	0	4
HSC	1230C	Methods of Patient Care	2	1	0	3
RTE	1503C	Radiographic Procedures I	2	4	0	4
RTE	1418C	Principles of Radiography I	2	0	0	2
		Total:	10	6	0	13

Spring	Second	Course	Lecture	Lab	Clinic	Credit
BSC	1086C	Anatomy & Physiology II	3	1	0	4
RTE	1458C	Principles of Radiography II	3	1	0	2
RTE	1513C	Radiographic Procedures II	2	4	0	4
RTE	1814L	Radiographic Clinical Education I	0	0	240	2
		Total:	8	6	240	12

Summer	Third	Course	Lecture	Lab	Clinic	Credit
RTE	2563	Principles of Radiography III	3	0	0	3
RTE	1523C	Radiographic Procedures III	2	4	0	4
RTE	1824L	Radiographic Clinical Education II	0	0	240	2
AMH	1020	Introductory Survey Since 1877 or	3	0	0	3
POS	1041	American Government				
		Total:	8	5	240	12

Fall	Fourth	Course	Lecture	Lab	Clinic	Credit
RTE	2609C	Principles of Radiography IV	3	0	0	2
RTE	2834L	Radiographic Clinical Education III	0	0	360	3
PSY	2012	Introduction to Psychology	3	0	0	3
RTE	2763	Intro to Sectional Anatomy & Computed Tomography	2	1	0	4
		Total:	8	1	360	12

Spring	Fifth	Course	Lecture	Lab	Clinic	Credit
RTE	2782	Radiographic Pathology	3	0	0	3
RTE	2385	Radiation Biology & Protection	3	0	0	3
RTE	2844L	Radiographic Clinical Education IV	0	0	360	3
HUM		Humanities Elective	3	0	0	3
		Total:	9	0	360	12

Summer	Sixth	Course	Lecture	Lab	Clinic	Credit
RTE	2061	Radiographic Seminar	3	0	0	3
RTE	2854L	Radiographic Clinical Education V	0	0	360	3
		Total:	3	0	360	5
		TOTAL CREDIT HRS:				77

# **RADIOGRAPHY COURSE DESCRIPTIONS**

Course	Credits	Lecture	Laboratory
HSC 1230 C Methods OF PATIENT CARE	3	3	1
This course provides the concepts of optimal patient			
care, including consideration for the physical and			
psychological needs of the patient and family. Routine			
and emergency patient care procedures are described,			
as well as infection control procedures using standard			
precautions. The role of the radiographer in patient			
education is identified.			
RTE 1418 C PRINCIPLES OF RADIOGRAPHY I	2	2	0
This course provides the radiography students with a			
basic knowledge of atomic structure and terminology.			
Also presented are the nature and characteristics of			
radiation, X-ray production and the fundamentals of			
photon interactions with matter.	2	2	4
RTE 1458 C PRINCIPLES OF RADIOGRAPHY II	2	3	1
This course establishes a knowledge base in technical			
factors that govern the image production process.  RTE 2563 PRINCIPLES OF RADIOGRAPHY III	3	3	1
This course provides you with an understanding of the	3	3	1
components, principles and operation of digital imaging			
systems found in diagnostic radiology. Factors that			
impact image acquisition, display, archiving and			
retrieval are discussed. Principles of digital system			
quality assurance and maintenance are presented.			
RTE 2609 C PRINCIPLES OF RADIOGRAPHY IV	2	3	1
This course provides you with a knowledge base in	_		_
radiographic, fluoroscopic and mobile equipment			
requirements and design. The content also provides a			
basic knowledge of quality control.			
RTE 1503 C RADIOGRAPHIC PROCEDURES I	4	2	4
This course provides you with the standard terminology			
and theoretical foundations necessary to develop the			
psychomotor skills that are essential to perform			
standard radiographic imaging procedures of the chest,			
abdomen, and upper extremities. Energized laboratory			
demonstrations will be used to complement the lecture			
portion of this course.			
RTE 1513 C RADIOGRAPHIC PROCEDURES II	4	2	4
This course provides you with the standard terminology			
and theoretical foundations necessary to develop the			
psychomotor skills that are essential to perform			
standard radiographic imaging procedures of the			
humerus, shoulder girdle, lower extremity, pelvic			
girdle, cervical and thoracic vertebra. Energized			
laboratory demonstrations will be used to complement			
the lecture portion of this course.			

RADIOGRAPHY COURSE DESCRIPTIONS (CONTINUED)

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# RADIOGRAPHY COURSE DESCRIPTIONS (CONTINUED)

Course	Credits	Lecture	Laboratory
RTE 1814 RADIOGRAPHIC CLINICAL	2	0	16
EDUCATION I			
Radiography Clinical Education I is a supervised clinical			
experience and competency evaluation of professional			
interaction and performance of routine radiographic			
procedures with emphasis on radiation protection,			
patient care, equipment orientation, radiographic technique, image processing procedures and image			
quality evaluation.			
RTE 1824 RADIOGRAPHIC CLINICAL	2	0	16
EDUCATION II	_	Ü	10
Supervised clinical experience and competency			
evaluation of professional interaction and performance			
of routine radiographic procedures with emphasis on			
radiation protection, patient care, equipment			
orientation, radiographic technique, image processing			
procedures and image quality evaluation.	_		
RTE 2834 RADIOGRAPHIC CLINICAL	3	0	24
EDUCATION III			
Course offers supervised clinical experience and			
competency evaluation of professional interaction and performance of routine radiographic procedures with			
emphasis on radiation protection, patient care,			
equipment orientation, radiographic technique, image			
processing procedures and image quality evaluation.			
RTE 2844 RADIOGRAPHIC CLINICAL	3	0	24
EDUCATION IV			
Course offers supervised clinical experience and			
competency evaluation of professional interaction and			
performance of routine radiographic procedures with			
emphasis on radiation protection, patient care,			
equipment orientation, radiographic technique, image			
processing procedures and image quality evaluation.	2	0	2.4
RTE 2854 RADIOGRAPHIC CLINICAL EDUCATION V	3	0	24
Course offers supervised clinical experience and			
competency evaluation of professional interaction and			
performance of routine radiographic procedures with			
emphasis on radiation protection, patient care,			
equipment orientation, radiographic technique, image			
processing procedures and image quality evaluation.			

#### **CLINICAL EDUCATION POLICY**

South Florida State College Radiography Program's Competency Based Clinical Education procedure, if followed, complies with the American Registry of Radiologic Technologists (ARRT) Radiography Clinical Competency Requirements.

The purpose of the clinical competency requirements is to verify that individuals certified and registered by the ARRT have demonstrated competency performing the clinical activities fundamental to a particular discipline. Competent performance of these fundamental activities, in conjunction with mastery of the cognitive knowledge and skills covered by the radiography examination, provides the basis for the acquisition of the full range of procedures typically required in a variety of settings. Demonstration of clinical competence means that the candidate has performed the procedure independently, consistently, and effectively during the course of his or her formal education. The following pages identify the specific procedures for the clinical competency requirements. Students may wish to use these pages, or their equivalent, to record completion of the requirements

The coordination of classroom and clinical instruction is an important element of the program. In recognition of this, the Competency Based Clinical Education at South Florida State College uses a progressive approach to the clinical development of students. Students begin this process by observing a procedure or groups of procedures. After didactic and laboratory instruction and documented laboratory proficiency in a procedure, the student then proceeds to the participation stage of the Competency Based Clinical Education. In the participation stage, the student may now assume a more active role in his/her clinical responsibilities. Student shall perform these procedures under direct supervision.

The final stage in this Competency Based Clinical Education is based on the ability of a student to perform radiographic procedures under <u>indirect supervision</u>. Before the student can achieve this level of supervision, he/she must demonstrate competency through Clinical Competency Evaluations. Demonstration of clinical competence should include variations in patient characteristics such as age, gender, and medical condition and cannot be completed under simulated conditions.

South Florida State College Radiography Program's standard includes the following two levels of Clinical Competency Evaluations: (1) **Clinical Competency Evaluations**, and (2) **Terminal Clinical Competency Evaluations**. The Clinical Competency Evaluations are usually common procedures that are performed on ambulatory, non-traumatic patients and as the student is evaluated on Terminal Clinical Competency Evaluations, characteristics such as age, and medical conditions become progressively more difficult.

# PREREQUISITE FOR CLINICAL COMPETENCY EVALUATIONS:

# 1. Clinical Competency Evaluations:

Prior to a **Clinical Competency Evaluation**, a student shall complete the following:

- a. Documented didactic proficiency at the College
- b. Documented laboratory proficiency at the College

# 2. Terminal Competency Evaluations:

Terminal Clinical Competency Evaluations must be performed on a progressive level of patient or procedure difficulty. Prior to graduation, the student must demonstrate Terminal Competency in clinical education. This is accomplished by Terminal Clinical Competency Evaluations. Before advancing to this level of competency, students must:

- a. Be within the last three semesters of their anticipated date of program completion and
- b. Have achieved 60% of the mandatory procedures within that category of procedures in which the Terminal Clinical Competency Evaluations are to be attempted.

Terminal Clinical Competency Evaluations must be performed on a progressive level of patient or procedure difficulty and cannot involve duplicate studies. For example, in the upper extremity category, two hand X-rays cannot fulfill the requirement for two terminal evaluations. This applies only to upper and lower extremity categories.

Please refer to the chart below for determining the categories where Terminal Clinical Competency Evaluations are permitted as well as the number required for each category.

Category	Terminal Competency
Chest and Thorax	1
Abdomen	1
Upper Extremity	2
Lower Extremity	2
Spine and Pelvis	1
Mobile Radiographic Studies	1
Geriatric Patient	1
Pediatric Patient	1
Total	10

# **REQUIREMENTS FOR ALL CLINICAL COMPETENCY EVALUATIONS:**

- 1. Students must be assigned to an approved clinical education setting.
- 2. All Clinical Competency Evaluations must be performed on patients. A competency evaluation that is not performed on a patient cannot be counted as a Clinical Competency Evaluation but can be counted as a simulated competency provided that the evaluation include all criteria listed for Simulated Competency Evaluations and Clinical Competency Evaluations.
- 3. The Clinical Instructor shall approve the patients for all Clinical Competency Evaluations. Patient selection shall include a wide variety of patient types. (e.g.,

- geriatric, physically or cognitively impaired as a result of aging, pediatric, trauma, geriatric, ambulatory, etc.)
- 4. The Clinical Instructor shall determine the minimum number of times that a procedure will need to be completely and satisfactorily performed by a student while under <u>direct supervision</u> prior to performing a Clinical Competency Evaluation.
- 5. The Clinical Instructor shall develop suggested time frames for completion of all Clinical Competency Evaluations.
- 6. Clinical Competency Evaluations shall include all projections for each procedure, as identified by the hospital's protocol or by the ARRT (e.g., cross-table lateral cervical spine).
- 7. Clinical Competency Evaluations shall include all tasks associated with the radiographic procedure. This includes but is not limited to patient assessment and positioning; applying radiation protection principles; setting technique factors; and making the x-ray exposure.
- 8. The Program director and Clinical coordinator shall be responsible for the development and implementation of the clinical competency grading system, affective domain evaluation forms (Professional Development Evaluation Forms), performance objectives, and record maintenance of all Clinical Competency Evaluations.
- 9. The Program director and Clinical coordinator shall determine and publish the required number of Terminal Clinical Competency Evaluations.
- 10. Clinical Competency Evaluations and Terminal Clinical Competency Evaluations should be performed on a progressive level of patient and procedure difficulty.
- 11. Clinical Competency Evaluations are to be completed by a Licensed and Registered Radiology technologist who is **graduated for a minimum of six months** from a JRCERT approved Radiography program.
- 12. A student may repeat one radiograph during a clinical competency if they independently analyze the image and make the necessary adjustments without technologist assistance.

#### REQUIREMENTS FOR SIMULATED PERFORMANCE

South Florida State College Radiography Program and the ARRT requirements specify that certain clinical procedures may be simulated as designated in the specific requirements below. Simulations must meet the following criteria:

The student must simulate the procedure on another person with the same level of cognitive, psychomotor, and affective skills required for performing the procedure on a patient. Examples of acceptable simulation include positioning another person for a projection without actually activating the X-ray beam and performing venipuncture by demonstrating aseptic technique while inserting the needle into an artificial forearm or suitable device.

The program director must be confident that the skills required to competently perform the simulated procedure will transfer to the clinical education setting and, if applicable, the student must evaluate related images.

All simulated competency evaluations and clinical competency evaluations must include the following minimum evaluation criteria:

- patient identity verification
- examination order verification
- patient assessment
- room preparation
- patient management
- equipment operation
- technique selection
- patient positioning
- radiation safety
- imaging processing
- image evaluation

#### **REQUIREMENTS FOR REPEAT RADIOGRAPH:**

All unsatisfactory radiographs shall be repeated only under the direction and in the physical presence of a licensed and registered radiologic technologist, regardless of the student's level of competency.

In order to reduce the risk to students and patient care, adherence to the supervision policy will be the student's responsibility. If a student is observed doing any of the following, the student will be dismissed from the program:

- Performing a repeat without **direct** supervision
- Performing a procedure that has not been competency tested without direct supervision
- Performing a fluoroscopic, portable/mobile or C-Arm procedure without direct supervision

#### REQUIRED LEVELS OF CLINICAL SUPERVISION:

Prior to didactic and laboratory instruction and documented laboratory proficiency in a procedure, the student is only permitted to observe a licensed diagnostic radiologic technologist perform that procedure.

1. After didactic and laboratory instruction and documented laboratory proficiency in a procedure but prior to a clinical competency evaluation or simulated clinical competency evaluation:

The student continues to observe these procedures and gradually progresses to the point where the student can now participate and assist the licensed diagnostic radiologic technologist while under direct supervision. The following parameters constitute **direct supervision**. The licensed diagnostic radiologic technologist shall:

- a. Review the request for examination in relation to the student's achievement.
- b. Evaluate the condition of the patient in relation to the student's knowledge.
- c. Be present during the conduct of the procedure.
- d. Review and approve the radiographs.
- 2. After a Clinical Competency Evaluations or simulated competency evaluation:

After a student has demonstrated competency on a Clinical Competency Evaluation or simulated competency evaluation in a given procedure, the student may perform that procedure under the indirect supervision of a licensed diagnostic radiologic technologist.

3. The following parameters constitute **indirect supervision:** 

Supervision provided by a licensed diagnostic radiologic technologist who is immediately available to assist students regardless of the level of student achievement. "Immediately available" is interpreted as the presence of a licensed diagnostic radiologic technologist adjacent to the room or location where a radiographic or fluoroscopic procedure is being performed. This availability applies to all areas where ionizing radiation equipment is in use. (Based on these parameters, a student cannot be assigned to a surgical or mobile rotation or assigned to a room that is not adjacent to another radiographic or fluoroscopic room (i.e., ED) unless a licensed diagnostic radiologic technologist is present in that room or in the adjacent room.)

4. A licensed and registered radiologic technologist must review and approve all radiographic images.

#### **REMEDIATION:**

Remediation shall be an essential part of the Competency Based Clinical Education process. The following are the <u>minimum</u> remediation requirements for the four types of clinical education failures:

1. Failure to demonstrate didactic or laboratory proficiency.

The program shall: (a) discuss the area(s) of failure with the student; (b) develop and implement a valid remediation plan; (c) reevaluate after remediation has been completed.

2. Failure of a simulated competency evaluation:

The program shall: (a) discuss the area(s) of failure with the student; (b) develop and implement a valid remediation plan; (c) require application of reinforced skills; and (d) reevaluate for either a clinical competency or simulated competency in that radiographic procedure.

3. Failure of a clinical competency evaluation:

The program shall: (a) discuss the area(s) of failure with the student; (b) develop and implement a valid remediation plan; (c) require clinical application of reinforced skills; and (d) reevaluate for either a clinical competency or simulated competency in that

radiographic procedure. If reevaluation is performed as a simulated competency, the competency cannot be counted as a clinical competency evaluation.

4. Failure of a terminal clinical competency evaluation:

The program shall require remediation and reevaluation for either a terminal clinical competency or simulated competency in that radiographic procedure. If reevaluation is performed as a simulated competency, the competency cannot be counted as a terminal clinical competency evaluation. An additional terminal clinical competency evaluation would then be required prior to graduation eligibility.

#### **VOIDING A PREVIOUSLY COMPLETED CLINICAL COMPETENCY:**

Voiding a previously completed clinical competency may only be done through the following procedure:

The clinical instructor, in writing, declares that the student has performed the prior documented successfully completed clinical competency in an unsatisfactory manner two times during the same term. This declaration is to be completed for each of the two unsatisfactory performances of the clinical competency in question, and must include the following:

- a. be in writing, including the date the examination was performed and patient number
- b. include specific reasons why the examination was declared unsatisfactory
- c. be signed by the *clinical instructor* completing the clinical competency review

#### **ASSIGNMENT TO ADVANCED IMAGING MODALITIES:**

Each student must demonstrate and document a minimum of 36 Mandatory, 15 Elective (one of the 15 electives imaging procedures must be selected from the head section; and two of the 15 elective imaging procedures must be selected from the fluoroscopy studies section.) The student must demonstrate and document 10 Terminal Clinical Competencies as well as demonstrate competence in all 10 patient care competencies. A second year student who has completed and documented successful completion of all competencies, and is interested in being assigned to one or more advanced imaging modalities (e.g., computed tomography, magnetic resonance, angiography, etc.) to further enhance his/her learning experience may do so in writing. The request must be in writing to ensure availability, instruction, supervision, and evaluation. The advanced imaging modalities rotation will have the same learning objectives as routine musculoskeletal procedures in "Radiographic Procedures I and II including geriatric patient (physically or cognitively impaired as a result of aging), fluoroscopic, pediatric and traumatic procedures in "Radiographic Procedures III," computed tomography, magnetic resonance imaging, bone densitometry and angiographic/interventional procedures in "Introduction to Sectional Anatomy and Computed Tomography." Assignment to advanced imaging modalities will be considered during "Radiographic Clinical Education V."

## **CLINICAL INSTRUCTORS' DUTIES AND RESPONSIBILITIES:**

All South Florida State College students must have adequate and proper supervision during all clinical assignments as specified by accreditation standards. The following policies and

procedures apply to South Florida State College clinical assignments for students, and evaluators:

- 1. Evaluate the student required clinical competencies and professional development evaluations in the clinical education setting.
- 2. Supervise students assigned to various imaging modalities.
- 3. Evaluate student's critiques of radiographic images and determine the necessity of repeat procedures.
- 4. Provide documentation of any unusual, positive, and/or negative incidents involving the student's performance of clinical competencies that occurred during the assigned clinical rotation to the clinical coordinator or program director.
- 5. Provide direct supervision and assistance for all repeat procedures.
- 6. Complete appropriate Clinical Competency Evaluation forms and return the original forms to the program director/Clinical coordinator.
- 7. Intervene when a critical error appears imminent and offer corrective instruction or demonstration before proceeding with the procedure.

#### **CLINICAL EDUCATION CENTER RULES AND REGULATIONS:**

In order to maintain high standards of patient care, the Radiography program has established the following rules of conduct in conjunction with the general hospital rules and regulations:

- 1. STUDENTS ARE SUBJECT TO ALL RULES AND REGULATIONS OF THE CLINICAL EDUCATION CENTER.
- 2. Students MUST NOT inject contrast medium or medication.
- 3. All patients with whom the student comes in contact will be treated with respect, dignity, and with careful attention given to patient modesty. Treat every patient as if you were the one being radiographed. All hospital records and patient records are confidential in nature. Students are expected to maintain confidentiality in a professional manner.
- 4. Unless otherwise instructed, any student who begins or helps in a radiographic procedure must complete the procedure before leaving the clinical facility.
- 5. Each student is to perform non-technical duties (patient transporting, front office duties, etc.) as scheduled by the clinical instructor. Each student is required to assist in maintaining a clean department by helping to keep the radiographic room to which he/she is assigned orderly and properly supplied.
- 6. A student should never leave a patient unattended. Please note hospital policy for safe practices in patient supervision.
- 7. Clinical differences It is the intent and objective of the Radiography Program (College and affiliate hospitals) to be as uniform as possible with regard to student activities for all students. However, all clinical sites are individual and unique institutions and for this reason, there will be different policies and responsibilities at each clinical education setting. Any questions that may arise concerning these differences will be gladly answered/addressed by the College faculty.

- 8. Problems Recognizing that the college and clinical education settings conduct a joint effort in the education of students, any problem which may arise within the hospital area, should first be discussed with hospital officials (clinical instructor) before involving the College faculty (clinical coordinator, program director) in the discussion.
- 9. Report any accident or incident to your clinical instructor immediately and complete the necessary paperwork.
- 10. Students will present themselves as professionals in the clinical education centers.
- 11. Students are to be in the clinical area only when they are scheduled to be there.
- 12. There will be no food, drinks, or smoking allowed in the clinical area except in designated areas.
- 13. Students are assigned lunch periods and breaks by the clinical instructor.
- 14. Students are not permitted to leave hospital grounds or assigned clinical areas without the permission of the clinical instructor, except during lunch periods.
- 15. Students may not bring guests into the department without the permission of the clinical instructor.
- 16. Students cannot sit in wheelchairs, on stretchers or any other equipment designed for patient use.
- 17. Do not use the clinical site telephone for personal use.
- 18. Report to clinical assignments in an alert condition.
- 19. Willful destruction or theft of clinical site property will result in dismissal.
- 20. Possession of firearms or explosives, possession or consumption of alcoholic beverages, marijuana or un-prescribed narcotics on clinical site property will result in dismissal.
- 21. Fighting on clinical site property will result in dismissal.
- 22. Insubordination to any superior could result in dismissal.
- 23. Conviction of a felony will result in dismissal.
- 24. Gum chewing while on clinical assignment is forbidden.
- 25. Do not sleep on clinical assignment.
- 26. Do not engage in immoral conduct while on clinical assignment.
- 27. Do not accept any type of gratuity or "tip" from a patient or patient's family.
- 28. Do not use language or manners unbecoming a professional.

#### **CLINICAL EDUCATION PLAN:**

South Florida State College Radiography Program Clinical Education Plan is designed to define and document required clinical competencies and to establish eligibility for certification with the American Registry of Radiologic Technologists.

As part of the educational program, each student must demonstrate competence in the clinical activities mentioned below:

- 10 mandatory general patient care activities
- 36 mandatory imaging procedures
- 15 elective imaging procedures selected from a list of 34 procedures
- One of the 15 elective procedures must be selected from the head section
- Two of the 15 elective imaging procedures must be selected from the fluoroscopy studies section
- 10 terminal competencies

One patient may be used to document more than one competency. However, each individual procedure may be used for only one competency (e.g., a portable femur can only be used for a portable extremity or a femur but not both.)

Institutional protocol will determine the positions and projections used for each procedure.

#### SUGGESTED NUMBER OF CLINICAL COMPETENCIES TO BE COMPLETED PER TERM

Methods of Patient Care	10 General Patient Care Procedures	
RTE 1814 Radiographic Clinical Education I	Minimum of eight competencies, must include a minimum of ONE exam from the Upper <b>and</b> Lower Extremity.	
RTE 1824 Radiographic Clinical Education II	Minimum of 10 additional competencies	
RTE 2834 Radiographic Clinical Education III	Minimum of 10 additional competencies	
RTE 2844 Radiographic Clinical Education IV	Minimum of 10 competencies (unless all competencies are met in its entirety)	
RTE 2854 Radiographic Clinical Education V	Minimum of 10 competencies (unless all competencies are met in its entirety)	

# **Appendix A**

**Credentialing Examination:** The number of students who pass, on the first attempt, the American Registry of Radiologic Technologists (ARRT) certification examination, or an unrestricted state licensing examination, compared with the number of graduates who take the examination within six months of graduation. The five-year average benchmark established by the JRCERT is 75%.

Credentialing Examination Rate	number passed on first attempt divided by number attempted within six months of graduation
Year	Results
Year 1 – 2019	10 of 12 – 83%
Year 2 – 2020	9 of 12 – 75%
Year 3 – 2021	7 of 9 – 78%
Year 4 – 2022	7 of 9 – 78%
Year 5 – 2023	6 of 11 – 55%
Program Five-Year Average	39 of 53 – 74%

**Job Placement:** The number of graduates employed in the radiologic sciences compared to the number of graduates actively seeking employment in the radiologic sciences within 12 months of graduating. The five-year average benchmark established by JRCERT is 75%.

Job Placement Rate	number employed divided by number actively seeking employment within 12 months of graduation
Year	Results
Year 1 – 2019	11 of 11 – 100%
Year 2 – 2020	8 of 8 – 100%
Year 3 – 2021	4 of 4 – 100%
Year 4 – 2022	7 of 7 – 100%
Year 5 – 2023	10 of 10 – 100%
Program Five-Year Average	40 of 40 – 100%

**Program Completion:** The number of students who complete the program within the stated program length. The annual benchmark established by JRCERT is 75%.

Program Completion Rate	number graduated divided by number started the program
Year	Results
Year 1 – 2023	11 of 11
Annual Completion Rate	100%

### The Joint Review Committee on Education in Radiologic Technology (JRCERT)

20 N. Wacker Drive, Suite 2850

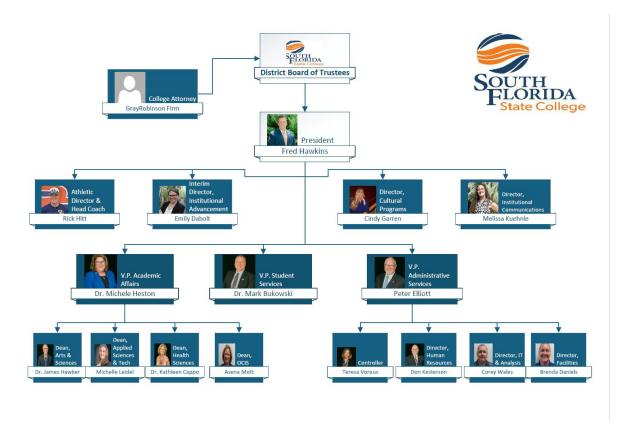
Chicago, IL 60606-3182

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Fax: 312-704-5304

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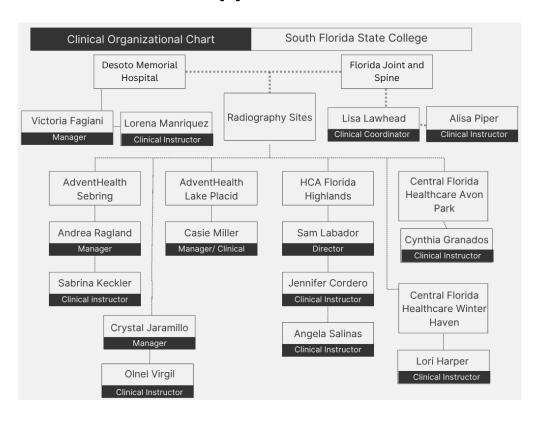
# **Appendix B**



SOUTH FLORIDA STATE COLLEGE 2025-2026 ORGANIZATIONAL CHART

July 1, 2025

# **Appendix C**



# **Appendix D**

# Standards for an Accredited Educational Program in Radiography

Effective January 1, 2021

Adopted April 2020



#### **Introductory Statement**

The Joint Review Committee on Education in Radiologic Technology (JRCERT) Standards for an Accredited Educational Program in Radiography are designed to promote academic excellence, patient safety, and quality healthcare. The Standards require a program to articulate its purposes; to demonstrate that it has adequate human, physical, and financial resources effectively organized for the accomplishment of its purposes; to document its effectiveness in accomplishing these purposes; and to provide assurance that it can continue to meet accreditation standards.

The JRCERT is recognized by both the United States Department of Education (USDE) and the Council for Higher Education Accreditation (CHEA). The JRCERT Standards incorporate many of the regulations required by the USDE for accrediting organizations to assure the quality of education offered by higher education programs. Accountability for performance and transparency are also reflected in the Standards as they are key factors for CHEA recognition.

The JRCERT accreditation process offers a means of providing assurance to the public that a program meets specific quality standards. The process not only helps to maintain program quality but stimulates program improvement through outcomes assessment.

There are six (6) standards. Each standard is titled and includes a narrative statement supported by specific objectives. Each objective, in turn, includes the following clarifying elements:

- Explanation provides clarification on the intent and key details of the objective.
- Required Program Response requires the program to provide a brief narrative and/or
  documentation that demonstrates compliance with the objective.
- Possible Site Visitor Evaluation Methods identifies additional materials that may be examined
  and personnel who may be interviewed by the site visitors at the time of the on-site evaluation in
  determining compliance with the particular objective. Review of supplemental materials and/or
  interviews is at the discretion of the site visit team.

Regarding each standard, the program must:

- · Identify strengths related to each standard
- Identify opportunities for improvement related to each standard
- Describe the program's plan for addressing each opportunity for improvement
- Describe any progress already achieved in addressing each opportunity for improvement
- · Provide any additional comments in relation to each standard

The self-study report, as well as the results of the on-site evaluation conducted by the site visit team, will determine the program's compliance with the Standards by the JRCERT Board of Directors.

#### Standards for an Accredited Educational Program in Radiography

#### **Table of Contents**

Standard One: Accountability, Fair Practices, and Public Information
Standard Two: Institutional Commitment and Resources
Standard Three: Faculty and Staff
The sponsoring institution provides the program adequate and qualified faculty that enable the program to meet its mission and promote student learning.
Standard Four: Curriculum and Academic Practices
Standard Five: Health and Safety
Standard Six: Programmatic Effectiveness and Assessment: Using Data for Sustained Improvement
The extent of a program's effectiveness is linked to the ability to meet its mission, goals, and student
learning outcomes. A systematic, ongoing assessment process provides credible evidence that enables analysis and critical discussions to foster ongoing program improvement.
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# **Appendix E**



#### ARRT® STANDARDS OF ETHICS

Last Revised: September 1, 2023 Published: September 1, 2023

#### **PREAMBLE**

The Standards of Ethics of The American Registry of Radiologic Technologists (ARRT) shall apply solely to persons that are either currently certified and registered by ARRT or that were formerly certified and registered by ARRT, and to persons applying for certification and registration by ARRT (including persons who submit an Ethics Review Preapplication) in order to become Candidates. Radiologic Technology is an umbrella term that is inclusive of the disciplines of radiography, nuclear medicine technology, radiation therapy, cardiovascular-interventional radiography, mammography, computed tomography, magnetic resonance imaging, quality management, sonography, bone densitometry, vascular sonography, cardiac-interventional radiography, vascular-interventional radiography, breast sonography, and radiologist assistant. The Standards of Ethics are intended to be consistent with the Mission Statement of ARRT, and to promote the goals set forth in the Mission Statement.

#### STATEMENT OF PURPOSE

The purpose of the ethics requirements is to identify individuals who have internalized a set of professional values that cause one to act in the best interests of patients. This internalization of professional values and the resulting behavior is one element of ARRT's definition of what it means to be qualified. Exhibiting certain behaviors as documented in the Standards of Ethics is evidence of the possible lack of appropriate professional values.

The Standards of Ethics provides proactive guidance on what it means to be qualified and to motivate and promote a culture of ethical behavior within the profession. The ethics requirements support ARRT's mission of promoting high standards of patient care by removing or restricting the use of the credential by those who exhibit behavior inconsistent with the requirements.

#### A. CODE OF ETHICS

The Code of Ethics forms the first part of the Standards of Ethics. The Code of Ethics shall serve as a guide by which Registered Technologists and Candidates may evaluate their professional conduct as it relates to patients, healthcare consumers, employers, colleagues, and other members of the healthcare team. The Code of Ethics is intended to assist Registered Technologists and Candidates in maintaining a high level of ethical conduct and in providing for the protection, safety, and comfort of patients. The Code of Ethics is aspirational.

- L The Registered Technologist acts in a professional manner, responds to patient needs, and supports colleagues and associates in providing quality patient care.
- The Registered Technologist acts to advance the principal objective of the profession to provide services to humanity with full respect for the dignity of humankind.
- The Registered Technologist delivers patient care and service unrestricted by the concerns of personal attributes or the nature of the disease or illness, and without discrimination on the basis of race, color, creed, religion, national origin, sex, marital status, status with regard to public assistance, familial status, disability, sexual orientation, gender identity, veteran status, age, or any other legally protected basis.
- 4. The Registered Technologist practices technology founded upon theoretical knowledge and concepts, uses equipment and accessories consistent with the purposes for which they were designed, and employs procedures and techniques appropriately.
- 5. The Registered Technologist assesses situations; exercises care, discretion, and judgment; assumes responsibility for professional decisions; and acts in the best interest of the patient.

GOLD STANDARD PATIENT CARE

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- 6. The Registered Technologist acts as an agent through observation and communication to obtain pertinent information for the physician to aid in the diagnosis and treatment of the patient and recognizes that interpretation and diagnosis are outside the scope of practice for the profession.
- 7. The Registered Technologist uses equipment and accessories, employs techniques and procedures, performs services in accordance with an accepted standard of practice, and demonstrates expertise in minimizing radiation exposure to the patient, self, and other members of the healthcare team.
- § Registered Technologist practices ethical conduct appropriate to the profession and protects the patient's right to quality radiologic technology care.
- 9. The Registered Technologist respects confidences entrusted in the course of professional practice, respects the patient's right to privacy, and reveals confidential information only as required by law or to protect the welfare of the individual or the community.
- 10. The Registered Technologist continually strives to improve knowledge and skills by participating in continuing education and professional activities, sharing knowledge with colleagues, and investigating new aspects of professional practice.
- !!. The Registered Technologist refrains from the use of illegal drugs and/or any legally controlled substances which result in impairment of professional judgment and/or ability to practice radiologic technology with reasonable skill and safety to patients.

#### **B. RULES OF ETHICS**

The Rules of Ethics form the second part of the Standards of Ethics. They are mandatory standards of minimally acceptable professional conduct for all Registered Technologists and Candidates. ARRT certification and registration demonstrates to the medical community and the public that an individual is qualified to practice within the profession. The Rules of Ethics are intended to promote the protection, safety, and comfort of patients. Accordingly, it is essential that Registered Technologists and Candidates act consistently with these Rules.

The Rules of Ethics are enforceable. Registered Technologists are required to notify ARRT of any ethics violation, including state licensing issues and criminal charges and convictions, within 30 days of the occurrence or during their annual renewal of certification and registration, whichever comes first. Applicants for certification and registration are required to notify ARRT of any ethics violation, including state licensing issues and criminal charges and convictions, within 30 days of the occurrence.

Registered Technologists and Candidates engaging in any of the following conduct or activities, or who permit the occurrence of the following conduct or activities with respect to them, have violated the Rules of Ethics and are subject to sanctions as described hereunder:

The titles and headings are for convenience only, and shall not be used to limit, after or interpret the language of any Rule.

#### Fraud or Deceptive Practices

Fraud Involving Certification and Registration

Employing fraud or deceit in procuring or attempting to procure, maintain, renew, or obtain or reinstate certification and registration as issued by ARRT; employment in radiologic technology, or a state permit, license, or registration certificate to practice radiologic technology. This includes altering in any respect any document issued by ARRT or any state or federal agency, or by indicating in writing certification and registration with ARRT when that is not the case.

#### Fraudulent Communication Regarding Credentials

Engaging in false, fraudulent, deceptive, or misleading communications to any person regarding any individual's education, training, credentials, experience, or qualifications, or the status of any individual's state permit, license, or registration certificate in radiologic technology or certification and registration with ARRT.

#### Fraudulent Billing Practices

3. Knowingly engaging or assisting any person to engage in, or otherwise participating in, abusive or fraudulent billing practices, including violations of federal Medicare and Medicaid laws or state medical assistance laws.

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#### Subversion

#### Examination / COR Subversion

- 4. Subverting or attempting to subvert ARRT's examination process, and/or ARRT's Education Requirements, including the Structured Self-Assessments (SSA) that are part of the Continuing Qualifications Requirements (CQR) process. Conduct that subverts or attempts to subvert ARRT's examination, Education Requirements and/or CQR or SSA processes, includes but is not limited to:
  - i. disclosing examination and/or CQR SSA information using language that is substantially similar to that used in questions and/or answers from ARRT examinations and/or CQR SSA when such information is gained as a direct result of having been an examinee or a participant in a CQR SSA or having communicated with an examinee or a CQR participant; this includes, but is not limited to, disclosures to students in educational programs, graduates of educational programs, educators, anyone else involved in the preparation of Candidates to sit for the examinations, or CQR participants; and/or
  - ii. soliciting and/or receiving examination and/or CQR SSA information that uses language that is substantially similar to that used in questions and/or answers on ARRT examinations or CQR SSA from an examinee, or a CQR participant, whether requested or not; and/or
  - iii. copying, publishing, reconstructing (whether by memory or otherwise), reproducing or transmitting any portion of examination and/or CQR SSA materials by any means, verbal or written, electronic or mechanical, without the prior express written permission of ARRT or using professional, paid or repeat examination takers and/or CQR SSA participants, or any other individual for the purpose of reconstructing any portion of examination and/or CQR SSA materials; and/or
  - iv. using or purporting to use any portion of examination and/or CQR SSA materials that were obtained improperly or without authorization for the purpose of instructing or preparing any Candidate for examination or participant for CQR SSA; and/or
  - v. selling or offering to sell, buying or offering to buy, or distributing or offering to distribute any portion of examination and/or CQR SSA materials without authorization; and/or
  - vi. removing or attempting to remove examination and/or CQR SSA materials from an examination or SSA room; and/or
  - vii. having unauthorized possession of any portion of or information concerning a future, current, or previously administered examination or CQR SSA of ARRT; and/or
  - viii. disclosing what purports to be, or what you claim to be, or under all circumstances is likely to be understood by the recipient as, any portion of or "inside" information concerning any portion of a future, current, or previously administered examination or CQR SSA of ARRT; and/or
  - ix communicating with another individual during administration of the examination or CQR SSA for the purpose of giving or receiving help in answering examination or CQR SSA questions, copying another Candidate's or CQR participant's answers, permitting another Candidate or a CQR participant to copy one's answers, or possessing or otherwise having access to unauthorized materials including, but not limited to, notes, books, mobile devices, computers and/or tablets during administration of the examination or CQR SSA; and/or
  - x. impersonating a Candidate, or a CQR participant, or permitting an impersonator to take or attempt to take the examination or CQR SSA on one's own behalf; and/or
  - xi. using any other means that potentially alters the results of the examination or CQR SSA such that the results may not accurately represent the professional knowledge base of a Candidate, or a CQR participant.

#### Education Requirements Subversion

- Subverting attempting to subvert, or aiding others to subvert or attempt to subvert ARRT's Education Requirements for Obtaining and Maintaining Certification and Registration ("Education Requirements"), including but not limited to, continuing education (CE), clinical experience and competency requirements, structured education activities, and/or Continuing Qualifications Requirements (CQR). Conduct that subverts or attempts to subvert ARRT's Education Requirements or CQR Requirements includes, but is not limited to:
  - providing false, inaccurate, altered, or deceptive information related to CE, clinical experience or competency requirements, structured education or CQR activities to ARRT or an ARRT recognized recordkeeper; and/or
  - ii. assisting others to provide false, inaccurate, altered, or deceptive information related to education requirements or CQR activities to ARRT or an ARRT recognized recordkeeper; and/or

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- iii. conduct that results or could result in a false or deceptive report of CE, clinical experience or competency requirements, structured education activities or CQR completion; and/or
- iv. conduct that in any way compromises the integrity of ARRT's education requirements, including, but not limited to, CE, clinical experience and competency requirements, structured education activities, or CQR Requirements such as sharing answers to the post-tests or self-learning activities, providing or using false certificates of participation, or verifying credits that were not earned or clinical procedures that were not performed.

#### Failure to Cooperate with ARRT Investigation

- 6. Subverting or attempting to subvert ARRT's certification and registration processes by:
  - i. making a false statement or knowingly providing false information to ARRT; or
  - ii. failing to cooperate with any investigation by ARRT in full or in part.

#### Unprofessional Conduct

#### Failure to Conform to Minimal Acceptable Standards

- 7. Engaging in unprofessional conduct, including, but not limited to:
  - a departure from or failure to conform to applicable federal, state, or local governmental rules regarding radiologic technology practice or scope of practice; or, if no such rule exists, to the minimal standards of acceptable and prevailing radiologic technology practice.
  - any radiologic technology practice that may create unnecessary danger to a patient's life, health, or safety. Actual injury to a
    patient or the public need not be established under this clause.

#### Sexual Misconduct

§ Engaging in conduct with a patient that is sexual or may reasonably be interpreted by the patient as sexual, or in any verbal behavior that is seductive or sexually demeaning to a patient; or engaging in sexual exploitation of a patient or former patient. This also applies to any unwanted sexual behavior, verbal or otherwise.

#### **Unethical Conduct**

9. Engaging in any unethical conduct, including, but not limited to, conduct likely to deceive, defraud, or harm the public; or demonstrating a willful or careless disregard for the health, welfare, or safety of a patient. Actual injury need not be established under this clause.

#### Scope of Practice

#### Technical Incompetence

10. Performing procedures which the individual is not competent to perform through appropriate training and/or education or experience unless assisted or personally supervised by someone who is competent (through training and/or education or experience).

#### Improper Supervision in Practice

II. Knowingly assisting, advising or allowing a person without a current and appropriate state permit, license, registration, or ARRT certification and registration to engage in the practice of radiologic technology, in a jurisdiction that mandates such requirements.

#### Improper Delegation or Acceptance of a Function

12. Delegating or accepting the delegation of a radiologic technology function or any other prescribed healthcare function when the delegation or acceptance could reasonably be expected to create an unnecessary danger to a patient's life, health, or safety. Actual injury to a patient need not be established under this clause.

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#### Fitness to Practice

#### Actual or Potential Inability to Practice

13. Actual or potential inability to practice radiologic technology with reasonable skill and safety to patients by reason of illness; use of alcohol, drugs, chemicals, or any other material; or as a result of any mental or physical condition.

#### Inability to Practice by Judicial Determination

<u>14.</u> Adjudication as mentally incompetent, mentally ill, chemically dependent, or dangerous to the public, by a court of competent jurisdiction.

#### Improper Management of Patient Records

#### False or Deceptive Entries

15. Improper management of records, including failure to maintain adequate patient records or to furnish a patient record or report required by law; or making, causing, or permitting anyone to make false, deceptive, or misleading entry in any patient record and/or any quality control record.

#### Failure to Protect Confidential Patient Information

16. Revealing a privileged communication from or relating to a former or current patient, except when otherwise required or permitted by law, or viewing, using, releasing, or otherwise failing to adequately protect the security or privacy of confidential patient information.

#### Knowingly Providing False Information

17. Knowingly providing false or misleading information that is directly related to the care of a former or current patient.

#### Violation of State or Federal Law or Regulatory Rule

#### Narcotics or Controlled Substances Law

18. Violating a state or federal narcotics or controlled substance law, even if not charged or convicted of a violation of law.

#### Regulatory Authority or Certification Board Rule

19. Violating a rule adopted by a state or federal regulatory authority or certification board resulting in the individual's professional license, permit, registration or certification being denied, revoked, suspended, placed on probation or a consent agreement or order, voluntarily surrendered, subjected to any conditions, or failing to report to ARRT any of the violations or actions identified in this Rule.

#### **Criminal Proceedings**

- 20. Convictions, criminal proceedings, or military courts-martial as described below:
  - i. conviction of a crime, including, but not limited to, a felony, a gross misdemeanor, or a misdemeanor; and/or
  - ii. criminal proceeding where a finding or verdict of guilt is made or returned but the adjudication of guilt is either withheld, deferred, or not entered or the sentence is suspended or stayed; or a criminal proceeding where the individual enters an Alford plea, a plea of guilty or nolo contendere (no contest); or where the individual enters into a pre-trial diversion activity; and/or
  - iii. military courts-martial related to any offense identified in these Rules of Ethics; and/or
  - iv. required sex offender registration.

#### **Duty to Report**

#### Failure to Report Violation

21. Knowing of a violation or a probable violation of any Rule of Ethics by any Registered Technologist or Candidate and failing to promptly report in writing the same to ARRT.

#### Failure to Report Error

22. Failing to immediately report to the Registered Technologist's or Candidate's supervisor information concerning an error made in connection with imaging, treating, or caring for a patient. For purposes of this rule, errors include any departure from the standard of care that reasonably may be considered to be potentially harmful, unethical, or improper (commission). Errors also include behavior that is negligent or should have occurred in connection with a patient's care, but did not (omission). The duty to report under this rule exists whether or not the patient suffered any injury.

#### C. ADMINISTRATIVE PROCEDURES

These Administrative Procedures provide for the structure and operation of the Ethics Committee; they detail procedures followed by the Ethics Committee and by the Board of Trustees of ARRT in administering challenges raised under the Rules of Ethics, and in handling matters relating to the denial of an application for certification and registration (for reasons other than failure to meet the criteria as stated in Article II, Sections 2.03 and 2.04 of the ARRT Rules and Regulations, in which case, there is no right to a hearing) or the denial of renewal or reinstatement of certification and registration. All Registered Technologists and Candidates are required to comply with these Administrative Procedures. All Registered Technologists and Candidates are expected to conduct themselves in a professional and respectful manner in their interactions with the ARRT Board of Trustees, Ethics Committee and/or staff. Failure to cooperate with the Ethics Committee or the Board of Trustees may be considered by the Ethics Committee and by the Board of Trustees according to the same procedures and with the same sanctions as failure to observe the Rules of Ethics.

#### I. Ethics Committee

#### (a) Membership and Responsibilities of the Ethics Committee

The President, with the approval of the Board of Trustees, appoints three Trustees to serve as members of the Ethics Committee, each such person to serve on the Committee until removed and replaced by the President, with the approval of the Board of Trustees, at any time, with or without cause. The President, with the approval of the Board of Trustees, will also appoint a fourth, alternate member to the Committee. In the event that the full Committee is not available for a meeting, an alternate member may participate on the Committee. If an alternate member is not available, the remaining members of the Committee will hold the meeting and act irrespective of the composition of the Committee. The Ethics Committee is responsible for: (1) investigating and reviewing each alleged violation of the Rules of Ethics and determining whether a Registered Technologist or Candidate has failed to observe the Rules of Ethics and determining an appropriate sanction; and (2) periodically assessing the Code of Ethics, Rules of Ethics, and Administrative Procedures and recommending any amendments to the Board of Trustees.

#### (b) The Chair of the Ethics Committee

The President, with the approval of the Board of Trustees, appoints one member of the Ethics Committee as the Committee's Chair to serve for a maximum term of two years as the principal administrative officer responsible for management of the promulgation, interpretation, and enforcement of the Standards of Ethics. In the event that the Chair is not available for a meeting, the Chair may appoint any remaining member to act as Chair. The President may remove and replace the Chair of the Committee, with the approval of the Board of Trustees, at any time, with or without cause. The Chair presides at and participates in meetings of the Ethics Committee and is responsible directly and exclusively to the Board of Trustees, using staff, legal counsel, and other resources necessary to fulfill the responsibilities of administering the Standards of Ethics.

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#### (c) Preliminary Screening of Potential Violations of the Rules of Ethics

The Chair of the Ethics Committee shall review each alleged violation of the Rules of Ethics that is brought to the attention of the Ethics Committee. If, in the sole discretion of the Chair: (1) there is insufficient information upon which to base a charge of a violation of the Rules of Ethics; or (2) the allegations against the Registered Technologist or Candidate are patently frivolous or inconsequential; or (3) the allegations, if true, would not constitute a violation of the Rules of Ethics, the Chair may summarily dismiss the matter. The Chair may be assisted by staff and/or legal counsel of ARRT. The Chair shall report each such summary dismissal to the Ethics Committee.

At the Chair's direction and upon request, the Chief Executive Officer of ARRT shall have the power to investigate allegations regarding the possible settlement of an alleged violation of the Rules of Ethics. The Chief Executive Officer may be assisted by staff members and/or legal counsel of ARRT. The Chief Executive Officer is not empowered to enter into a binding settlement, but rather may convey and/or recommend proposed settlements to the Ethics Committee. The Ethics Committee may accept the proposed settlement, make a counterproposal to the Certificate Holder or Candidate, or reject the proposed settlement and proceed under these Administrative Procedures.

#### 2. Hearings

Whenever ARRT proposes to take action in respect to the denial of an application for certification and registration (for reasons other than failure to meet the criteria as stated in Article II, Sections 2.03 and 2.04 of the ARRT Rules and Regulations, in which case there is no right to a hearing) or of an application for renewal or reinstatement of certification and registration, or in connection with the revocation or suspension of certification and registration, or the censure of a Registered Technologist or Candidate for an alleged violation of the Rules of Ethics, it shall give written notice thereof to such person, specifying the reasons for such proposed action. A Registered Technologist or Candidate to whom such notice is given shall have 30 days from the date the notice of such proposed action is mailed to make a written request for a hearing. The written request for a hearing must be accompanied by a nonrefundable hearing fee in an amount to be determined by ARRT. In rare cases, the hearing fee may be waived, in whole or in part, at the sole discretion of ARRT.

Failure to make a written request for a hearing and to remit the hearing fee (unless the hearing fee is waived in writing by ARRT) within such period or submission of a properly executed Hearing Waiver form within such period shall constitute consent to the action taken by the Ethics Committee or the Board of Trustees pursuant to such notice. A Registered Technologist or Candidate who requests a hearing in the manner prescribed above shall advise the Ethics Committee of the intention to appear at the hearing. A Registered Technologist or Candidate who requests a hearing may elect to appear in person, via teleconference, videoconference, or by a written submission which shall be verified or acknowledged under oath.

A Registered Technologist or Candidate may waive the 30-day timeframe to request a hearing. To request a waiver of the 30-day timeframe, the Registered Technologist or Candidate must complete a Hearing Waiver form that is available on the ARRT website at <a href="https://www.arrt.org">www.arrt.org</a>. The Hearing Waiver form must be signed by the Registered Technologist or Candidate, notarized, and submitted to ARRT. The Chief Executive Officer of ARRT shall have the authority to receive, administer, and grant the Hearing Waiver form and may be assisted by staff members and/or legal counsel of ARRT. Any sanction proposed by the Ethics Committee would become effective on the date the hearing waiver is processed.

Failure to appear at the hearing in person or via teleconference, videoconference, or to supply a written submission in response to the charges shall be deemed a default on the merits and shall be deemed consent to whatever action or disciplinary measures that the Ethics Committee determines to take. Hearings shall be held at such date, time, and place as shall be designated by the Ethics Committee or the Chief Executive Officer. The Registered Technologist or Candidate shall be given at least 30 days' notice of the date, time, and place of the hearing. The hearing is conducted by Ethics Committee members other than any members of the Ethics Committee who believe for any reason that they would be unable to render an objective and unbiased decision. In the event of such disqualification, the President may appoint Trustees to serve on the Ethics Committee for the sole purpose of participating in the hearing and rendering a decision. At the hearing, ARRT shall present the charges against the Registered Technologist or Candidate in question, and the facts and evidence of ARRT in respect to the basis or bases for the proposed action or disciplinary measure. The Ethics Committee may be assisted by legal counsel. The Registered Technologist or Candidate in question, by legal counsel or other representative (at the sole expense of the Registered Technologist or Candidate in question), shall have up to 30 minutes to present testimony, and be heard in the Registered Technologist's or Candidate's own defense; to call witnesses; hear the testimony of and to cross-examine any witnesses appearing at such hearing, and to present such other evidence or testimony as the Ethics Committee shall deem appropriate to do substantial justice. Any information may be considered that is relevant or potentially relevant. The Ethics Committee will be afforded 15 minutes in addition to any unused time remaining from the Registered Technologist's or Candidate's time allotment, to ask questions and shall not be bound by any state or

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federal rules of evidence. The Registered Technologist or Candidate in question shall have the right to make a closing statement before the close of the hearing. A transcript or an audio recording of the hearing testimony is made for in person, teleconference, and videoconference hearings only. Ethics Committee deliberations are not recorded.

In the case where ARRT proposes to take action in respect to the denial of an application for certification and registration (for reasons other than failure to meet the criteria as stated in Article II, Sections 2.03 and 2.04 of the *Rules and Regulations* of ARRT) or the denial of renewal or reinstatement of certification and registration, the Ethics Committee shall assess the evidence presented at the hearing, or continue the matter and request the Registered Technologist or Candidate provide additional evidentiary information prior to making its decision, and shall subsequently prepare written findings of fact and its determination as to whether grounds exist for the denial of an application for certification and registration or renewal or reinstatement of certification and registration, and shall promptly transmit the same to the Registered Technologist or Candidate in question and to the Board of Trustees at the next Board of Trustees meeting.

In the case of alleged violations of the Rules of Ethics by a Registered Technologist or Candidate, the Ethics Committee shall assess the evidence presented at the hearing, or continue the matter and request the Certificate Holder or Candidate provide additional evidentiary information prior to making its decision, and shall subsequently prepare written findings of fact and its determination as to whether there has been a violation of the Rules of Ethics and, if so, the appropriate sanction, and shall promptly transmit the same to the Registered Technologist or Candidate in question and to the Board of Trustees at the next Board of Trustees meeting.

Potential actions available to the Ethics Committee are set forth in Section 4 (Range of Actions). Unless a timely appeal from any findings of fact and determination by the Ethics Committee is taken to the Board of Trustees in accordance with Section 3 below (Appeals), the Ethics Committee's findings of fact and determination in any matter (including the specified sanction) shall be final and binding upon the Registered Technologist or Candidate in question.

#### 3. Appeals

Except as otherwise noted in these Administrative Procedures, the Registered Technologist or Candidate may appeal any decision of the Ethics Committee to the Board of Trustees by submitting a written request for an appeal within 30 days after the decision of the Ethics Committee is mailed. The written request for an appeal must be accompanied by a nonrefundable appeal fee in an amount to be determined by ARRT. In rare cases, the appeal fee may be waived, in whole or in part, at the sole discretion of ARRT.

Failure to make a written request for an appeal and to remit the appeal fee (unless the appeal fee is waived in writing by ARRT) within such period or submission of a properly executed Appeal Waiver form within such period shall constitute consent to the action taken by the Ethics Committee or Board of Trustees pursuant to such notice.

A Registered Technologist or Candidate may waive the 30-day timeframe to request an appeal. To request a waiver of the 30-day timeframe, the Registered Technologist or Candidate must complete an Appeal Waiver form that is available on the ARRT website at <a href="https://www.arrt.org">www.arrt.org</a>. The Appeal Waiver form must be signed by the Registered Technologist or Candidate, notarized, and submitted to ARRT. The Chief Executive Officer of ARRT shall have the authority to receive, administer, and grant the Appeal Waiver form and may be assisted by staff members and/or legal counsel of ARRT. Any sanction proposed by the Ethics Committee would become effective on the date the appeal waiver is processed.

In the event of an appeal, those Trustees who participated in the hearing of the Ethics Committee shall not participate in the appeal. The remaining members of the Board of Trustees, other than any members who believe for any reason that they would be unable to render an objective and unbiased decision, shall consider the decision of the Ethics Committee, the files and records of ARRT applicable to the case at issue, and any written appellate submission of the Registered Technologist or Candidate in question, and shall determine whether to affirm or to modify the decision of the Ethics Committee or to remand the matter to the Ethics Committee for further consideration. In making such determination to affirm or to modify, findings of fact made by the Ethics Committee shall be conclusive if supported by any evidence. The Board of Trustees may grant re-hearings, hear additional evidence, or request that ARRT or the Registered Technologist or Candidate in question provide additional information in such manner, on such issues, and within such time as it may prescribe.

All hearings and appeals provided for herein shall be private at all stages. It shall be considered an act of professional misconduct for any Registered Technologist or Candidate to make an unauthorized publication or revelation of the same, except to the Registered Technologist's or Candidate's attorney or other representative, immediate superior, or employer.

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#### 4. Range of Actions

#### (a) No Action

A determination of no action means that there is little or no evidence to substantiate that a violation even occurred. In a situation lacking even a preponderance of evidence, the complaint is determined to be unsubstantiated.

#### (b) Clear

A determination that there was a violation of the Rules of Ethics but that no further action will be taken against a person's eligibility for certification and registration or for continued certification and registration. The determination of cleared/eligible can be made administratively by staff, by the Chair, or by the Committee depending on the nature of the violation and existing policies addressing authority for taking action. After a violation has been cleared, the applicant or registrant will not be required to report the violation in the future.

#### (c) Private Reprimands

A private reprimand is a reprimand that is between the individual and ARRT and is not reported to the public. Private reprimands allow for continued certification and registration.

#### (d) Public Reprimands

A public reprimand is a sanction that is published on ARRT's website for a period of one year. Public reprimands allow for continued certification and registration.

#### (e) Conditional

Conditional status may be assigned administratively to Candidates and/or R.T.s in those cases where there are additional requirements that need to be met before the ethics file can be closed (e.g., conditions mandated by the court, regulatory authority and/or Ethics Committee). Conditional status is an administrative action and is not considered adverse.

#### (f) Suspensions

Suspension is the temporary removal of an individual's certification and registration in all categories for up to one year.

#### (g) Summary Suspensions

Summary suspension is an immediate suspension of an individual's certification and registration in all categories. If an alleged violation of the Rules of Ethics involves the occurrence, with respect to a Registered Technologist, of an event described in the Rules of Ethics, or any other event that the Ethics Committee determines would, if true, potentially pose harm to the health, safety, or well-being of any patient or the public, then, notwithstanding anything apparently or expressly to the contrary contained in these Administrative Procedures, the Ethics Committee may, without prior notice to the Registered Technologist and without a prior hearing, summarily suspend the certification and registration of the individual pending a final determination under these Administrative Procedures with respect to whether the alleged violation of the Rules of Ethics in fact occurred. Within five working days after the Ethics Committee summarily suspends the certification and registration of an individual in accordance with this provision, the Ethics Committee shall, by expedited delivery or certified mail, return receipt requested, give to the individual written notice that describes: (1) the summary suspension; (2) the reason or reasons for it; and (3) the right of the individual to request a hearing with respect to the summary suspension by written notice to the Ethics Committee, which written notice must be received by the Ethics Committee not later than 15 days after the date of the written notice of summary suspension by the Ethics Committee to the individual. If the individual requests a hearing in a timely manner with respect to the summary suspension, the hearing shall be held before the Ethics Committee or a panel comprised of no fewer than two members of the Ethics Committee as promptly as practicable, but in any event within 30 days after the Ethics Committee's receipt of the individual's request for the hearing, unless both the individual and the Ethics Committee agree to a postponement beyond the 30-day period. The Ethics Committee has the absolute discretion to deny any request for a postponement and to proceed to a hearing with or without the participation of the individual. The applicable provisions of Section 2 (Hearings) of these Administrative Procedures shall govern all hearings with respect to summary suspensions, except that neither a determination of the Ethics Committee, in the absence of a timely

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request for a hearing by the affected individual, nor a determination by the Ethics Committee or a panel, following a timely requested hearing, is appealable to the Board of Trustees.

#### (h) Ineligible

An individual may be determined ineligible to obtain or renew certification and registration or ineligible for reinstatement of certification and registration. The time frame may be time limited or permanent.

#### (i) Revocation

Revocation removes the individual's certification and registration in all categories. The time frame may be time limited or permanent.

#### (i) Alternative Dispositions

An Alternative Disposition ("AD") is a contract between an individual and the ARRT (as represented by the Ethics Committee) that allows for continued certification and registration in lieu of revocation, provided the individual performs certain requirements, including, but not limited to, providing documentation, attending counseling and/or submitting to random drug and/or alcohol screening. A Registered Technologist or Candidate who voluntarily enters into an Alternative Disposition Agreement agrees to waive all rights set forth in these Administrative Procedures.

#### (k) Deny Removal of a Sanction

After a predetermined time, an individual may request removal of a sanction that had been previously imposed by the Committee. Sufficient compelling evidence must be provided to convince the Committee the sanction should be removed or modified. If evidence is not provided, the Committee may deny removal of the sanction. Situations that may result in denial of a sanction removal request include: additional violations of the Rules of Ethics after the sanction was imposed, failure to demonstrate that there has been adequate rehabilitation, and/or continued denial of responsibility.

#### (I) Civil or Criminal Penalties

Conduct that violates ARRT's Rules of Ethics may also violate applicable state or federal law. In addition to the potential sanctions under the Standards of Ethics, ARRT may, without giving prior notice, pursue civil and/or criminal penalties.

#### 5. Publication of Adverse Decisions

Summary suspensions and final decisions (other than private reprimands and Alternative Dispositions) that are adverse to a Registered Technologist or Candidate will be communicated to the appropriate authorities of certification organizations and state licensing agencies and provided in response to written inquiries into an individual's certification and registration status. The ARRT shall also have the right to publish any final adverse decisions and summary suspensions and the reasons therefore. For purposes of this paragraph, a "final decision" means and includes: a determination of the Ethics Committee relating to an adverse decision if the affected individual did not request a hearing in a timely manner; a non-appealable decision of the Ethics Committee; an appealable decision of the Ethics Committee from which no timely appeal is taken; and, the decision of the Board of Trustees in a case involving an appeal of an appealable decision of the Ethics Committee.

#### 6. Procedure to Request Removal of a Sanction

A sanction imposed by ARRT, including a sanction specified in a Settlement Agreement, specifically provides a sanction time frame and it shall be presumed that a sanction may only be reconsidered after the time frame has elapsed. At any point after a sanction first becomes eligible for reconsideration, the individual may submit a written request ("Request") to ARRT asking the Ethics Committee to remove the sanction. The Request must be accompanied by a nonrefundable fee in an amount to be determined by ARRT. A Request that is not accompanied by the fee will be returned to the individual and will not be considered. In rare cases, the fee may be waived, in whole or in part, at the sole discretion of ARRT. The individual is not entitled to make a personal appearance before the Ethics Committee in connection with a Request to remove a sanction or to modify a Settlement Agreement.

Although there is no required format, Requests for both sanction removal and Settlement Agreement modification must include compelling reasons justifying the removal of the sanction or modification of the Settlement Agreement. It is recommended that the individual demonstrate at least the following: (1) an understanding of the reasons for the sanction; (2) an understanding of why the action

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leading to the sanction was felt to warrant the sanction imposed; and (3) detailed information demonstrating that the individual's behavior has improved and similar activities will not be repeated. Letters of recommendation from individuals, who are knowledgeable about the person's sanction imposed; and current character and behavior, including efforts at rehabilitation, are advised. If a letter of recommendation is not on original letterhead or is not duly notarized, the Ethics Committee shall have the discretion to ignore that letter of recommendation.

Removal of the sanction is a prerequisite to apply for certification and registration. If, at the sole discretion of the Ethics Committee, the sanction is removed, the individual will be allowed to pursue certification and registration via the policies and procedures in place at that time as stated in Section 6.05 of the <u>ARRT Rules and Regulations</u>.

If the Ethics Committee denies a Request for removal of the sanction or modification of a Settlement Agreement, the decision is not subject to a hearing or to an appeal, and the Committee will not reconsider removal of the sanction or modification of the Settlement Agreement for as long as is directed by the Committee.

#### 7. Amendments to the Standards of Ethics

The ARRT reserves the right to amend the Standards of Ethics following the procedures under Article XII, Section 12.02 of the <u>ARRT Rules and Regulations</u>.

# **Appendix F**



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# Radiography

#### 1. Introduction

Candidates applying for certification and registration under the primary eligibility pathway are required to meet the Professional Education Requirements specified in the ARRT Rules and Regulations. ARRT's Radiography Didactic and Clinical Competency Requirements are one component of the Professional Education Requirements.

The requirements are periodically updated based upon a <u>practice analysis</u> which is a systematic process to delineate the job responsibilities typically required of radiographers. The result of this process is a <u>task inventory</u> which is used to develop the clinical competency requirements (see section 4 below) and the content specifications which serve as the foundation for the didactic competency requirements (see section 3 below) and the examination.

#### 2. Documentation of Compliance

Verification of program completion, including Didactic and Clinical Competency Requirements and all degree-related requirements including conferment of the degree, will be completed on the Program Completion Verification Form on the ARRT Educator Website after the student has completed the Application for Certification and Registration.

Candidates who complete their educational program during 2022 or 2023 may use either the 2017 Didactic and Clinical Competency Requirements or the 2022 requirements. Candidates who complete their educational program after December 31, 2023 must use the 2022 requirements.

#### 3. Didactic Competency Requirements

The purpose of the didactic competency requirements is to verify that individuals had the opportunity to develop fundamental knowledge, integrate theory into practice and hone affective and critical thinking skills required to demonstrate professional competence. Candidates must successfully complete coursework addressing the topics listed in the <a href="ARRT Content Specifications">ARRT Content Specifications</a> for the Radiography Examination. These topics would typically be covered in a nationally-recognized curriculum such as the ASRT Radiography Curriculum. Educational programs accredited by a mechanism acceptable to ARRT generally offer education and experience beyond the minimum requirements specified in the content specifications and clinical competency documents.

#### 4. Clinical Competency Requirements

The purpose of the clinical competency requirements is to verify that individuals certified by the ARRT have demonstrated competence performing the clinical activities fundamental to a particular discipline. Competent performance of these fundamental activities, in conjunction with mastery of the cognitive knowledge and skills covered by the certification examination, provides the basis for the acquisition of the full range of procedures typically required in a variety of settings. Demonstration of clinical competence means that the candidate has performed the procedure independently, consistently, and effectively during the course of his or her formal education. The following pages identify the specific procedures for the clinical competency requirements. Candidates may wish to use these pages, or their equivalent, to record completion of the requirements. The pages do NOT need to be sent to the ARRT.

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General Requirement: Remote scanning is not acceptable for completion of ARRT Clinical Requirements. The candidate must complete the examination or procedure at the facility where the patient and equipment are located. The candidate must be physically present during the examination or procedure.

#### 4.1 General Performance Considerations

#### 4.1.1 Patient Diversity

Demonstration of competence should include variations in patient characteristics such as age, gender, and medical condition.

#### 4.1.2 Elements of Competence

Demonstration of clinical competence requires that the program director or the program director's designee has observed the candidate performing the procedure independently, consistently, and effectively during the course of the candidate's formal educational program.

Remote scanning is not acceptable for completion of ARRT Clinical Requirements. The candidate must complete the examination or procedure at the facility where the patient and equipment are located. The candidate must be physically present during the examination or procedure.

#### 4.1.3 Simulated Performance

ARRT defines simulation of a clinical procedure routinely performed on a patient as the candidate completing all possible hands-on tasks of the procedure on a live human being using the same level of cognitive, psychomotor, and affective skills required for performing the procedure on a patient.

ARRT requires that competencies performed as a simulation must meet the same criteria as competencies demonstrated on patients. For example, the competency must be performed under the direct observation of the program director or program director's designee and be performed independently, consistently, and effectively.

Simulated performance must meet the following criteria:

- Simulation of imaging procedures requires the use of proper radiographic equipment without activating the x-ray beam.
- A total of ten imaging procedures may be simulated. Imaging procedures eligible for simulation are noted within the chart (see section 4.2.2).
- If applicable, the candidate must evaluate related images.
- Some simulations are acceptable for General Patient Care (see section 4.2.1). These
  do not count toward the ten imaging procedures that can be simulated.

#### 4.2 Radiography-Specific Requirements

As part of the education program, candidates must demonstrate competence in the clinical procedures identified below. These clinical procedures are listed in more detail in the following sections:

- Ten mandatory general patient care procedures;
- 36 mandatory imaging procedures;
- 15 elective imaging procedures selected from a list of 34 procedures;
- One of the 15 elective imaging procedures must be selected from the head section; and
- Two of the 15 elective imaging procedures must be selected from the fluoroscopy studies section.

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One patient may be used to document more than one competency. However, each individual procedure may be used for only one competency (e.g., a portable femur can only be used for a portable extremity or a femur but not both).

#### 4.2.1 General Patient Care Procedures

Candidates must be CPR/BLS certified and have demonstrated competence in the remaining nine patient care procedures listed below. The procedures should be performed on patients whenever possible, but simulation is acceptable if state regulations or institutional practice prohibits candidates from performing the procedures on patients.

General Patient Care Procedures	Date Completed	Competence Verified By
CPR/BLS Certified		
Vital Signs – Blood Pressure		
Vital Signs – Temperature		
Vital Signs – Pulse		
Vital Signs – Respiration		
Vital Signs – Pulse Oximetry		
Sterile and Medical Aseptic Technique		
Venipuncture*		
Assisted Patient Transfer (e.g., Slider Board, Mechanical Lift, Gait Belt)		
Care of Patient Medical Equipment (e.g., Oxygen Tank, IV Tubing)		

<sup>\*</sup>Venipuncture can be simulated by demonstrating aseptic technique on another person, but then inserting the needle into an artificial forearm or suitable device.

#### 4.2.2 Imaging Procedures

Institutional protocol will determine the positions and projections used for each procedure. When performing imaging procedures, the candidate must independently demonstrate appropriate:

- patient identity verification;
- examination order verification:
- patient assessment;
- room preparation;
- patient management;
- equipment operation;
- technique selection;
- · patient positioning;
- radiation safety;
- image processing; and
- · image evaluation.

#### 4.2.2 Imaging Procedures (continued)

Imaging Procedures	Mandatory	or Elective	Eligible		Competence Verified By
	Mandatory	Elective	for Simulation	Date Completed	
Chest and Thorax					
Chest Routine	✓				
Chest AP (Wheelchair or Stretcher)	✓	Δ.			
Ribs	<b>✓</b>		✓		
Chest Lateral Decubitus		✓	✓		
Sternum		✓	✓		
Upper Airway (Soft-Tissue Neck)		✓	✓		
Sternoclavicular Joints		✓	✓		
Upper Extremity					
Thumb or Finger	✓		✓		
Hand	1				
Wrist	✓				
Forearm	✓				
Elbow	✓				
Humerus	✓		4		
Shoulder	1				
Clavicle	✓		✓		
Scapula		✓.	✓		
AC Joints		✓	✓		
Trauma: Shoulder or Humerus (Scapular Y, Transthoracic or Axial)*	*				
Trauma: Upper Extremity (Non-Shoulder)*	✓				
Lower Extremity					
Toes		✓	✓		
Foot	<b>✓</b>				
Ankle	✓				
Knee	✓				
Tibia-Fibula	<b>*</b>		✓		
Femur	✓	y .	✓		
Patella		✓	4		
Calcaneus		✓	✓		
Trauma: Lower Extremity*	✓				

<sup>\*</sup> Trauma requires modifications in positioning due to injury with monitoring of the patient's condition.

#### 4.2.2 Imaging Procedures (continued)

Imaging Procedures	Mandatory or Elective		Eligible		
	Mandatory	Elective	for Simulation	Date Completed	Competence Verified By
<b>Head</b> — Candidates must select at least one elective procedure from this section.					
Skull		✓	✓		
Facial Bones		✓	✓		
Mandible		✓	✓		
Temporomandibular Joints		√	<b>4</b>		
Nasal Bones		✓	✓		
Orbits		✓	✓		
Paranasal Sinuses		✓	✓		
Spine and Pelvis					
Cervical Spine	✓-				
Thoracic Spine	✓		✓		
Lumbar Spine	✓				
Cross-Table (Horizontal Beam) Lateral Spine (Patient Recumbent)	1		✓		
Pelvis	✓				
Hip	<b>✓</b>				
Cross-Table (Horizontal Beam) Lateral Hip (Patient Recumbent)	~		✓		
Sacrum and/or Coccyx		<b>✓</b>	✓		
Scoliosis Series		✓	✓		
Sacroiliac Joints		✓	✓		
Abdomen					
Abdomen Supine	<b>✓</b>				
Abdomen Upright	1		✓		
Abdomen Decubitus		✓	✓		
Intravenous Urography		✓			



#### 4.2.2 Imaging Procedures (continued)

Imaging Procedures	Mandatory or Elective		Eligible	V-1	
	Mandatory	Elective	for Simulation	Date Completed	Competence Verified By
Fluoroscopy Studies — Candidates must select two procedures from this section and perform per site protocol.					
Upper GI Series, Single or Double Contrast		✓			
Contrast Enema, Single or Double Contrast		✓			
Small Bowel Series		✓			
Esophagus (NOT Swallowing Dysfunction Study)		<b>✓</b>			
Cystography/Cystourethrography		<b>~</b>			
ERCP		✓			
Myelography		<b>~</b>			
Arthrography		✓			
Hysterosalpingography		✓			
Mobile C-Arm Studies					
C-Arm Procedure (Requiring Manipulation to Obtain More Than One Projection)	4		~		
Surgical C-Arm Procedure (Requiring Manipulation Around a Sterile Field)	<b>✓</b>		<b>✓</b>		
Mobile Radiographic Studies					
Chest	✓				
Abdomen	✓				
Upper or Lower Extremity	✓				
Pediatric Patient (Age 6 or Younger)					
Chest Routine	✓		✓		
Upper or Lower Extremity		✓	✓		
Abdomen		✓	✓		
Mobile Study		✓	✓		
<b>Geriatric Patient</b> (At Least 65 Years Old <b>and</b> Physically or Cognitively Impaired as a Result of Aging)					
Chest Routine	✓				
Upper or Lower Extremity	1				
Hip or Spine		✓			
Subtotal					
Total Mandatory exams required	36				
Total Elective exams required		15			
Total number of simulations allowed			10		

# **Appendix G**



### **AGREEMENT TO TERMS**

### READ THE FOLLOWING STATEMENT BEFORE SIGNING

I have received a copy of the South Florida State College Radiography Program Student Handbook and it has been explained to me.

I agree to reread the handbook and affirm that I will be responsible for all the information therein.

I am aware of its content and have an understanding of all that is required of me. I agree to abide by all of the rules, policies and procedures of the program.

I am aware that in order to continue in the Radiography Program, I must maintain satisfactory progress and maintain a 2.75 grade point average in each Radiography course.

I am also aware that this handbook is intended as a guide and that policy and procedures described herein may be changed during my participation in the program.

After reading and studying this handbook, remove this page, sign it, and turn it in to one of the Radiography Program faculty.

SIGNATURE OF STUDENT	SIGNATURE OF WITNESS
PRINT NAME	PRINT NAME
DATE	DATE

# **Appendix H**



Student:	Date:				
Evaluator:	_ Exam/Pr	ocedure:			
Initial Competency ( ) Recheck (	)	Pass (	)	Fail	
<u>‡</u> •			Yes	No	N/A
Evaluation of Requisition:					
<ol> <li>Identified the patient's name and ag</li> </ol>					
<ol><li>Identified procedure(s) to be perform</li></ol>					
<ol><li>Acknowledged any pathological con</li></ol>					
<ol> <li>Acquired appropriate clinical patient</li> </ol>	history.				
Patient Care and Management:					
<ol> <li>Identified the correct patient.</li> </ol>					
<ol><li>Introduced himself/herself to the pat</li></ol>	tient, briefly	explained			T
current procedure and responded to					
<ol><li>Verified if patient was properly prepared.</li></ol>	ared for the	examination.			
<ol> <li>Provided appropriate assistance to</li> </ol>	radiographic	table/upright			T
bucky based on patient's condition.					
<ol><li>Communicated with patient in a con</li></ol>	cerned, prof	fessional man	ner.		
Equipment Operation:					T
Maneuvered the x-ray tube and buc	ky utilizing a	appropriate			T
controls and locks.					
<ol><li>Selected appropriate SID (FFD).</li></ol>					
<ol><li>Selection of Technical Factors.</li></ol>					T
<ol> <li>Used appropriate anatomical marke</li> </ol>	r.				T
Positioning Skills:					
<ol> <li>Properly positioned the patient.</li> </ol>					T
<ol><li>Aligned center of part to be demons</li></ol>	trated to the	center of the			
image receptor.					
<ol><li>Aligned x-ray tube to the center of a</li></ol>	natomy.				
<ol> <li>Aligned x-ray tube to image recepto</li> </ol>	r.				
<ol><li>Set the correct tube angle.</li></ol>					
Radiation Protection:					$\top$
Evidence of collimation.					$\top$
<ol><li>Used gonadal shields, if appropriate</li></ol>	<b>)</b> .				
<ol><li>Adjusted exposure factors for motion</li></ol>	n, pathology	or patient siz	e		_
when appropriate.		·			
Verified no repeats.					1
Image Acquisition and Technical Evaluation	ation:				+-
Anatomic alignment and radiograph					$\top$
<ol><li>Accessory markers visible, if require</li></ol>	ed (minute, h	nour, and			<u> </u>
directional).	und (Local	oonoidoration	-/	_	+
cinaln eten nomenimeva noe iname a	ven nenal	considerations	5.1 I		

# **Appendix I**



# RADIOGRAPHY PROGRAM CLINICAL COMPETENCY EVALUATION FORM

Student's Name:			
Evaluator's Name:			
Patient ID Number:	l	Date:	
<b>Examination:</b>	Trauma:	Yes: O	No: O
Terminal Competency: Yes: O No: O			
Pediatric Examination (6 year old or younger): Yes: O	No: O		
Geriatric Patient (Physically or cognitively Impaired as a	result of Aging:		
Yes: O No: O			

Patient Care	Unsatisfactory (0)	Acceptable (1)	Good (2)	Outstanding (3)	Score
Check patient for correct ID.	Called patient's name but did not verify ID.	Asked patient to spell their name but did not check ID		Used all appropriate methods of patient	
2. Communicates with patient in a professional manner.	Refer to patient as "Sweetie" or other unacceptable name.	band.  Initially addressed patient correctly but did not refer to the patient through the remainder of the procedure.	Refer to patient in a professional manner most of the time	ID.  Appropriately referred to patient throughout procedure.	
3. Carefully explains procedure to patient.	Does not or inaccurately explains procedure.	Most information was correct.	Information was correct.	Information correct and made certain the patient understood explanation and responded to patient's questions.	

4. Exhibits patience and empathy in working with patient.	Appears impatient for patient to comply with direction. Is focused on getting procedure completed; does not appear to be empathetic to patient discomfort and/or pain.	Need to focus more on patient comfort and less on equipment set-up.	Showed empathy for patient's discomfort. Gave patient sufficient time to comply with directions.	Anticipated and met patient's psychological and physical needs while efficiently obtaining quality images.	
5. Responds to patient changing condition.	Does not observe patient appropriately and is not prepared to respond when condition changes.	Appears to observe patient's needs but is slow and lacks confidence.	Observe and reacts to patient's needs in a timely and confident manner.	Anticipates the patient's needs. Is prepared to respond immediately and appropriately with confidence.	
Radiation Protection	Unsatisfactory (0)	Acceptable (1)	Good (2)	Outstanding (3)	Score
6. Pregnancy determination.	Did not ask pregnancy question.			Asked patient if potentially pregnant. NOTE: if male patient give Outstanding mark, 3.	
7. Shielding.	Did not adhere to departments shielding policy.			Adhered to department policy in regards to shielding.	
8. Collimation.	Did not collimate.			Collimation visible on all images.	
Positioning Skills	Unsatisfactory (0)	Acceptable (1)	Good (2)	Outstanding (3)	Score
9. Correctly positioned patient recumbent/erect.	Did not consider the patient's condition when positioning the patient.	Structure centered but rotated or tube inappropriately aligned	Structure properly positioned and CR aligned.	Structure properly positioned and centered to IR and CR properly aligned.	

Image Evaluation Skills	Unsatisfactory (0)	Acceptable (1)	Good (2)	Outstanding (3)	Score
10. Identify structures shown.	Could not ID anatomical structures shown or determine if CR and part were appropriately angled.	Identified anatomy and structures best shown.	Identified anatomy and structures best shown. Identified pathology.	Identified structures best shown, pathology and able to determine part rotation and alignment of CR.	
11. Technical factor.	Not able to determine if appropriate technical factors were used.	Able to determine appropriate technical factors, but could not determine how to improve a less than optimal image.	Able to determine appropriate technical factors, and how to improve a less than optimal image.	Appropriate density, contrast and no motion. Well demonstrated anatomical structures.	
12. Used appropriate ID and anatomical L/R markers.	Image inappropriately identified and/or marked.			Used both appropriate patient identification and markers on all images.	

comments.		
Student's signature:		
Evaluator's signature:		

**GRADING** 

26-36 = Outstanding 16-25 = Good 9-15 = Acceptable Below 9 = Unacceptable. Any "0" score results in a failed competency. Failed competencies may only be retaken after remediation.

# **Appendix J**



#### RADIOGRAPHY PROGRAM

### DAILY LOG

Date	Pt. Identification	Examination	Technologist

# **Appendix K**



Ct. 1	
Student's name:	

### RADIOGRAPHY PROGRAM

#### REPEAT LOG

Date	Pt Identification	Examination	Technologist

# **Appendix L**



### **Radiography Program**

#### **Professional Development Evaluation Form**

Note: Please read additional attachment, "Grading Guides," before completing this evaluation.

A radiographer's conduct in the clinical setting is a major indicator in which the general public uses to judge a department's professional level. Appropriate conduct is a broad category encompassing a number of considerations. Evaluate the students on their abilities and consider length of time in the program. Please select the most appropriate level of competency achieved by the student which corresponds to a numerical score. Once scores are totaled, the highest numerical value reached will be 50.

	Mid-Term
	End-term Student's Name:
	First Year Second Year
1. <u>Stu</u>	dent's Comprehension of Examinations:
	derstanding of information, responsibilities, procedures, materials, equipment, and iniques required to do the job.
	The student demonstrates exceptional comprehensive knowledge of the basic concepts to produce quality radiographs. (5 pts)
	The student demonstrates above average knowledge of the basic concepts applicable to the production of radiographs. (4 pts)
	The student demonstrates average knowledge of the basic concepts to produce quality radiographs. (3 pts)
	The student lacks the knowledge of some phases of the basic concepts related to the production of quality radiographs. (2 pts)
	The student has inadequate knowledge of the basic concepts related to the production of quality radiographs. (1 $pt$ )

### 2. Quality of Work:

The	e images produced are accurate, thorough and neat:
	Produces optimal quality of work in regards to accuracy and thoroughness; infrequently makes errors, demonstrates comprehensive knowledge of corrective action needed. (5 pts)
	Quality of work is consistently well done; recognizes mistakes if made, seldom makes errors; and demonstrates the knowledge necessary to produce corrective action. (4 pts)
	Quality of work meets the standards of satisfactory work; makes errors periodically, and demonstrates knowledge on corrective action needed with minimal technologist assistance. (3 pts)
	Quality of work needs improvement; mistakes made regularly; possesses some understanding in the corrective action needed to improve exam but often requires technologist assistance. (2 pts)
	Poor quality of work; makes recurrent mistakes, and does not demonstrate the ability to correct errors. (1 pt)
	ganization of Work/Judgement:
1 ne	e ability to use time constructively and productively.
	Consistently plans procedures using sound reasoning to make decisions in situations; needs no instruction to proceed; highly productive. (5 pts)
	Plans procedures using reasons and judgments that are of satisfactory manner, needs minimal instructions to proceed; consistently productive. (4 pts)
	Occasionally has challenges organizing procedures; requires slight instructions to proceed; productivity is satisfactory. (3 pts)
	Has difficulty organizing procedures; often needs to be prompted to proceed; meets minimal expectations of productivity. (2 pts)
	Lacks the knowledge and skills necessary to perform procedures; does not display

### 4. Initiative/Quantity of Work:

	e volume of work accomplished with the energy and motivation displayed in starting completing tasks.
	Completes more work than expected; seeks additional responsibility. (5 pts)
	Assumes expected responsibilities and completes examinations; assumes responsibility when given. (4 pts)
	Completes appropriate amount of work; assumes responsibility and performs satisfactory amount of tasks. (3 pts)
	Completes minimal workload; does only what is required. (2 pts)
	Does not complete expected workload; needs constant encouragement to start and complete tasks. (1 pt)
5. <u>Per</u>	formance Under Pressure:
The	ability to handle pressure and remain calm in busy or crisis situations.
	Exceptional ability to handle pressure; always calm and efficient when busy and in crisis situations. (5 pts)
	Handles busy or high pressure situations calmly; seldom appears nervous or loses control (4 pts)
	Displays moderate amount of control when busy or in crisis situations. (3 pts)
	Presents as easily irritated when found in busy situations or in times of crisis; occasionally loses temper. (2 pts)
	Demonstrates an inability to handle busy situations or times of crisis; makes situations difficult with elevated levels of tension. (1 pt)

### 6. Patient Rapport:

	The	e ability to interact with patients.		
		Effectively instills confidence in patient through communication and concern; anticipates and strives to exceed patient needs; considerate. (5 pts)		
		Consistently communicates with patient; aware and attentive of patient needs; establishes good rapport. (4 pts)		
		Communication established with patient; meets patient needs. (3 pts)		
		Minimal communication with patient; responds to request only. (2 pts)		
		Lacks effective communication with patient; avoids patient interaction. (1 pt)		
7.	7. <u>Interpersonal Relationships:</u> The ability to communicate, interact, and deal effectively with supervisors, peers, patients, and other employees.			
		Highly thought of by others; demonstrates an exemplary amount of tact and diplomacy. (5 pts)		
		Pleasant to work with; demonstrates expected amount of tact and diplomacy. (4 pts)		
		Works appropriately with others; demonstrates satisfactory amount of tact and diplomacy. (3 pts)		
		Often curt with supervisors, peers, patients, and other employees; demonstrates minimal amount of tact and diplomacy. (2 pts)		
		Interacts poorly with supervisors, peers, patients, and other employees; do not display ability to show tact or diplomacy. (1 pt)		

### 8. Personal Appearance:

	Grooming, cleanliness, and appropriateness of dress.		
		Consistently presents a professional image, well-groomed; and careful about appearance. (5 pts)	
		Promotes a professional image; well-groomed. (4 pts)	
		Satisfactory personal appearance, clean, neat, and compliant with dress code. (3 pts)	
		Less than satisfactory personal appearance; needs reminding of dress code. (2 pts)	
		Carless about personal appearance; does not comply with dress code. (1 pt)	
9.	<u>Att</u>	endance Policy:	
	The overall attendance and record of promptness of the student.		
		Excellent attendance record; always present and on time. (5 pts)	
		Rarely absent or late to clinical site. (4 pts)	
		Attendance and punctuality is satisfactory for assigned clinical setting. (3 pts)	
		Occasionally misses a scheduled clinical day, shows up tardy to clinical site and/or is absent from the assigned clinical site. (2 pts)	
		Problematically misses scheduled clinical day, tardy and/or absent from the assigned clinical site. (1 pt)	

### 10. Professional Ethics:

Integrity, loyalty, and impression the student makes on professional judgment.		
	Conducts self in an exemplary manner at all times; models professional standards of conduct. (5 pts)	
	Consistently conducts self in an appropriate manner conforming to profession standards of conduct. (4 pts)	
	Adheres to professional standards of conduct in an acceptable manner. (3 pts)	
	Often does not comply with professional standards of conduct when interacting with patients, clinical technologists, and employees. (2 pts)	
	Lacks the ability to model professional standards of conduct; consistently rude and negative to patients and other professionals. (1 pt)	

# **Appendix M**



# Radiography Program GRADING GUIDELINES PROFESSIONAL DEVELOPMENT EVALUATION FORM (AFFECTIVE SKILLS).

(5/4-points) - May be given if in your opinion the following applies to this student. When working as a Radiography intern, the student:

- a. Excellent, it is difficult to find suggestions for improvement.
- always handles professional relationships with patients in a self-confident and appropriate manner.
- c. never complains in an unreasonable and inappropriate manner.
- d. always takes personal responsibility for own failure.
- e. always is a positive influence in the maintenance of a pleasant productive atmosphere with peers and others.

(3 points) - May be given if in your opinion the following applies to this student. When working as a Radiography intern, the student:

- a. Good, however suggestions for improvement can be found
- b. usually but not always handles professional relationships with patients in a self-confident and appropriate manner
- c. usually does not complain in an unreasonable and inappropriate manner.
- d. usually takes personal responsibility for own failure.
- usually but not always is a positive influence in the maintenance of a pleasant productive atmosphere with peers and others.

(2-point) - May be given if in your opinion the following applies to this student. When working as a Radiography intern, the student:

- a. Satisfactory, meets minimum standards, easy to find suggestions for improvement.
- often handles professional relationships with patients in an appropriate manner, however self-confidence is often lacking.
- c. sometimes complains in an unreasonable and inappropriate manner.
- d. sometimes blames others for own failure.
- e. sometimes is a positive influence in the maintenance of a pleasant productive atmosphere with peers and others and sometimes is a negative influence.

(0-point) - May be given if in your opinion the following applies to this student. When working as a Radiography intern, the student:

- a. Unsatisfactory, does not meet minimum standards:
- b. handles professional relationships with patients in a manner that does not meet minimum standards.
- c. often complains in an unreasonable and inappropriate manner.
- d. usually blames others for own failure.
- e. usually is a negative influence in the maintenance of a pleasant productive atmosphere with peers and others .

### **Appendix N**



#### **Radiography Physical and Technical Abilities Form**

In compliance with the American with Disabilities Act, students must be with or without reasonable accommodations, physically and mentally capable of performing the essential technical standards of the program. If a student believes that he or cannot meet one or more of the standards without accommodation or modifications, the radiography program will determine on an individual basis whether or not the necessary accommodations or modifications can reasonably be made. The following Physical and Technical Standards identify essential eligibility requirements for participation in the Radiography program at SFSC:

#### Work

1. Able to work multiple 8 our days per week at the hospital sites

#### **Work Environment**

- 1. Exposure to hazardous material and blood borne pathogens requiring safety equipment, such as masks, head coverings, glasses, rubber and latex gloves, etc.
- 2. Must be able to meet hospital and college performance standards
- 3. Must travel to and from training sites

#### **Cognitive Demands**

- 1. Understand and work from written and vernal orders
- 2. Possess effective verbal and written communication skills
- 3. Understand and be ablet to implement related regulations and hospital policies and procedures
- 4. Possess technical competency in patient care and related areas
- 5. Speak to individuals and small groups

#### Physical demands

- 1. Standing and/or walking continuously during all phases of patient care
- 2. Bending, crouching, or stooping several times per hour (e.g., positioning of wheelchair foot supports)
- 3. Lifting frequently with weight lifted ranging from 100-300 pounds (approximately), rarely 300+ pounds. Lifting should always be done with help.
- 4. Reaching frequently overhead, above the shoulder at 90 degrees (e.g., manipulating x-ray tube, obtaining supplies, transferring patient into or out of bed, etc.)
- 5. Twisting frequently (e.g., transferring patient from wheelchair to bed/x-ray tabletop)

- 6. Pulling patients, objections and equipment, frequent up to 45 pounds effort (e.g., positioning patients in bed, during transfer to and from gurneys, wheelchairs, etc.)
- 7. Utilizing eyesight to observe patients, manipulate equipment and accessories and/or evaluated radiographs for technical quality.
- 8. Hearing to communicate with the patient and health care team
- 9. Utilizing sufficient verbal and written skills to effectively and promptly communicate with the patient and healthcare team
- 10. Manipulating radiographic/medical equipment and accessories including but not limited to switches, knobs, buttons, and keyboards, utilizing fine and gross motor skills
- 11. Performing the assigned training related tasks/skills responsibilities with the intellectual and emotional function necessary to ensure patient safety and exercise independent judgment and discretion

Upon admission, a candidate who discloses a disability and requests accommodations will be asked to provide documentation of his or her disability for the purpose of determining appropriate accommodations including modification to the program. The College will provide reasonable accommodations, but it is not required to make modifications that would substantially alter the nature or requirement of the program or provide auxiliary aids that present an undue burden to the College. To matriculate or continue in the curriculum the candidate must be able to perform all the essential functions outline in the Physical and Technical Standards either with or without accommodation.

Student Signature
Date
(This section to be completed by Licensed Clinical Provider)
able/not able to perform all the skills listed above
Print Name (Student Name)
Restrictions:YesNo
Provider Name (printed)
Provider License #
Provider Address
Provider Phone Number
Provider Signature
Date

### **Appendix O**



#### RADIOGRAPHY PROGRAM RADIATION SAFETY/PROTECTION GUIDELINES AND ACKNOWLEDGEMENT FORM

Radiography students are required to be aware of radiation safety standards and guidelines when working in the x-ray lab on campus or at any of the clinical affiliates. This form is evidence that all radiography students enrolled in South Florida State College Radiography Program are aware of protective measures for themselves, patients, family members and any other medical staff that may be in the vicinity of the x-ray equipment during an exposure. The guidelines are as follows:

- 1. Before making an exposure, make sure appropriate doors are closed (if applicable).
- 2. Before making an exposure, make sure student(s)/technologists are behind a protective barrier.
- 3. All patient must be shielded prior to making exposure.
- Any staff, faculty, adjunct faculty and/or family members must be shielded if they must remain in the room during an exposure.
- 5. Ensure that the control panel is set correctly.
- 6. Do not, under any circumstances, radiograph another human being using the energized x-ray lab on campus.
- 7. Never use x-ray equipment without the supervision of a qualified technologist.
- Immediately notify faculty, clinical instructor and/or manager if there are any problems with any x-ray equipment.
- 9. Always use ALARA (As low As Reasonably Achievable) standards when performing x-rays.
- 10. Always wear designated personnel dosimeter during clinical hours and during x-ray lab sessions on campus.
- 11. Review and initial dosimeter reports with the Program Director and you may request to see the report any time.
- 12. Always have qualified technologist directly supervise any repeat radiographic procedure.
- 13. Do not make more than one (1) repeat of any given projection. A qualified technologist MUST perform the x-ray if another repeat of the same projection is warranted.
- 14. Ensure that the student is a minimum of six feet from the portable unit prior to making an exposure.
- 15. Ensure that "x-ray" is called out prior to making an exposure with the portable unit.
- 16. Move adjacent patients and/or family members away from exposure area during portable x-rays whenever feasible.
- 17. Remove family members, prison guards, nurses, sitters/patient aids, doctors, etc. from area where exposures are made whenever possible. If not possible, provide protective shields prior to any exposures being made.

nave read the Madia	tion Safety guidelines. I understand its co	ntent and agree to abide by the g	guidelines set forth during my two-	year period.
_	Signed		Date	

# **Appendix P**

#### 2025-2026 COLLEGE CALENDAR

Classes for community education, workforce training, and selected certificate programs are ongoing. Adult Education classes are open-entry and are offered year-round. Please check our website at southflorida.edu or with a counselor/advisor for the most current offerings. Dual enrollment students check with a high school counselor for beginning and ending dates.

South Florida State College	Acad	lemic Dates and Dead	lines
•	Fall 2025	Spring 2026	Summer 2026
riority Date for SFSC Foundation Scholarships	Jul 15	Nov 15	Apr 1
aculty Return	Aug 8	Jan 5	•
ast Day to Apply for Graduation	Oct 24	Mar 20	-
ast Day to Purchase Cap and Gown	Oct 31 Dec 11	Mar 27 May 12	•
ull Term	Aug 13 - Dec 3 (16 weeks)	Jan 9 - May 4 (16 weeks)	May 13 - Aug 3 (12 week
riority Registration for Students with over 40 hours including	, , ,		
eterans/Dependents using the GI Bill	Mar 31	Oct 6	Oct 6
egin Registration for Students with over 20 hours	Apr 3	Oct 8	Oct 8
egin Open Registration	Apr 7	Oct 13	Oct 13
ee Payment Deadline	Aug 7*	Jan 6*	May 5*
LASSES BEGIN	Aug 13	Jan 9	May 13
egistration Ends (Last Day to Add a Class)	Aug 15**	Jan 13**	May 15**
eadline to Drop Classes w/Refund or Change Audit Status. ast date for Instructors to report NS (No-Show)	Aug 20	Jan 16	May 20
ANDATORY ATTENDANCE	Aug 13 - 20	Jan 9 - 16	May 13 - 20
eadline to Withdraw with a Grade of W. Last date for Instructors		Mar 23	_
report NA (Non-Attendance)	Oct 17		Jul 1
ast Day of Classes	Dec 3	May 4	Aug 3
xam Week	Dec 4 - 10	May 5 - 11	-
aculty - Grades Due to Registrar's Office by NOON	Dec 11	May 12	Aug 4 May 13 - Jun 24 (6 weeks
irst Flex Term riority Registration for Students with over 40 hours including	Aug 13 - Oct 6 (8 weeks)	Jan 9 - Mar 4 (8 weeks)	
eterans/Dependents using the GI Bill	Mar 31	Oct 6	Oct 6
egin Registration for Students with over 20 hours	Apr 3	Oct 8	Oct 8
egin Open Registration	Apr 7	Oct 13	Oct 13
ee Payment Deadline	Aug 7*	Jan 6*	May 5*
LASSES BEGIN	Aug 13	Jan 9	May 13
egistration Ends (Last Day to Add a Class)	Aug 15**	Jan 13**	May 15**
eadline to Drop Classes w/Refund or Change Audit Status.	Aug 20	Jan 16	May 20
ast date for Instructors to report NS (No-Show)	Aug 13 - 20	Jan 9 - 16	May 13 - 20
eadline to Withdraw with a Grade of W. Last date for Instructors			_
report NA (Non-Attendance)	Sep 16	Feb 10	Jun 8
ast Day of Classes	Oct 6	Mar 4	Jun 24
aculty - Grades Due to Registrar's Office by NOON	Oct 7	Mar 5	Jun 25
econd Flex Term	Sep 9 - Dec 3 (13 weeks)	Feb 5 - May 4 (13 weeks)	Jun 25 - Aug 3 (6 weeks
riority Registration for Students with over 40 hours including	Aug 7	Nov 17	Oct 6
eterans/Dependents using the GI Bill	-	11 40	0.10
egin Registration for Students with over 20 hours egin Open Registration	Aug 11 Aug 13	Nov 19 Dec 1	Oct 8 Oct 13
ee Payment Deadline	Aug 13*	Jan 22*	May 5*
			Way 5
LASSES BEGIN		Feb 5	Jun 25
	Sep 9	Feb 5 Feb 9***	Jun 25 Jun 29**
egistration Ends (Last Day to Add a Class) eadline to Drop Classes w/Refund or Change Audit Status.	Sep 9 Sep 11**	Feb 9**	Jun 29**
egistration Ends (Last Day to Add a Class) eadline to Drop Classes w/Refund or Change Audit Status. ast date for Instructors to report <b>NS</b> (No-Show)	<b>Sep 9</b> Sep 11** Sep 16	Feb 9** Feb 12	Jun 29** Jul 2
LASSES BEGIN egistration Ends (Last Day to Add a Class) eadline to Drop Classes w/Refund or Change Audit Status. ast date for Instructors to report NS (No-Show) IANDATORY ATTENDANCE Coding to Mitch demonstrate Accorder of ML, Last date for Instructors	Sep 9 Sep 11** Sep 16 Sep 9 - 16	Feb 9** Feb 12 Feb 5 - 12	Jun 29** Jul 2 Jun 25 - Jul 2
egistration Ends (Last Day to Add a Class) eadline to Drop Classes w/Refund or Change Audit Status. ast date for Instructors to report NS (No-Show) (ANDATORY ATTENDANCE eadline to Withdraw with a Grade of W. Last date for Instructors	<b>Sep 9</b> Sep 11** Sep 16	Feb 9** Feb 12	Jun 29** Jul 2
egistration Ends (Last Day to Add a Class) eadline to Drop Classes w/Refund or Change Audit Status. ast date for Instructors to report NS (No-Show) IANDATORY ATTENDANCE eadline to Withdraw with a Grade of W. Last date for Instructors report NA (Non-Attendance)	Sep 9 Sep 11** Sep 16 Sep 9 - 16	Feb 9** Feb 12 Feb 5 - 12 Apr 1	Jun 29** Jul 2 Jun 25 - Jul 2 Jul 20
egistration Ends (Last Day to Add a Class) eadline to Drop Classes w/Refund or Change Audit Status. ast date for Instructors to report NS (No-Show) IANDATORY ATTENDANCE eadline to Withdraw with a Grade of W. Last date for Instructors report NA (Non-Attendance) ast Day of Classes	Sep 9 Sep 11** Sep 16 Sep 9 - 16 Oct 27	Feb 9** Feb 12 Feb 5 - 12	Jun 29** Jul 2 Jun 25 - Jul 2
egistration Ends (Last Day to Add a Class) eadline to Drop Classes w/Refund or Change Audit Status. ast date for Instructors to report NS (No-Show) IANDATORY ATTENDANCE	Sep 9 Sep 11** Sep 16 Sep 9 - 16 Oct 27 Dec 3	Feb 9** Feb 12 Feb 5 - 12 Apr 1 <b>May 4</b>	Jun 29** Jul 2 Jun 25 - Jul 2 Jul 20 Aug 3
egistration Ends (Last Day to Add a Class) eadline to Drop Classes w/Refund or Change Audit Status. ask date for Instructors to report NS (No-Show) IANDATORY ATTENDANCE eadline to Withdraw with a Grade of W. Last date for Instructors report NA (Non-Attendance) ast Day of Classes aculty - Grades Due to Registrar's Office by NOON hird Flex Term riority Registration for Students with over 40 hours including	Sep 9 Sep 11** Sep 16 Sep 9-16 Oct 27 Dec 3 Dec 11 Oct 7 - Dec 3 (8 weeks)	Feb 9** Feb 12 Feb 5 - 12 Apr 1  May 4 May 12 Mar 5 - May 4 (8 weeks)	Jun 29** Jul 2 Jun 25 - Jul 2 Jul 20 <b>Aug 3</b> Aug 4
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# **Appendix Q**

#### MRI SAFETY SCREENING STUDENT FORM

Students that are rotating clinical or planning to pursue a future career in MRI must be fully aware of the magnetic fields that are used and understand the consequences of not following safety guidelines. MRI Safety Screening must be reviewed and students/patients must remain safe when working around or entering an MRI environment.

In MRI, the magnetic field is **ALWAYS** on. The student must comply with each clinical site's policies and procedures pertaining to metallic objects being introduced into the MRI scanning suite. Carrying ferromagnetic articles or introducing them to the MRI scanning area is **STRICTLY PROHIBITED**. These objects can act as projectiles within the scanning room causing **SERIOUS** injury, death, or equipment failure.

Students and or patients must not enter the MRI scanning area if the body contains any metallic fragments such as a bullet or shrapnel. There is potential risk the fragment could change position, possibly causing injury or death. The magnetic field can also damage an external hearing aid or cause a heart pacemaker to malfunction.

If you answer "yes" to any of the screening questions listed below, consult your CI or MRI tech for clearance before entering the MRI environment, including transporting patients or lifting/moving help.

MRI SAFETY SCREENING STUDENT CHECKLIST	Yes	No
Do you have any kind of implants in or on your body?		
Pacemaker or Pacemaker wires		
Aneurysm clips		
Implantable cardioverter defibrillator (ICD)		
Neurostimulator system		
Metallic implant or implanted drug infusion device or insulin pump		
Foreign metallic objects such as bullets or shrapnel, staples, BB, tissue		
expanders, or prosthetic device, especially objects near the eye or eye implant		
Permanent cosmetics or tattoos or body piercings (if being scanned)		
Dentures or teeth with magnetic keepers or implants involving magnets		
Medication patches with metal foil (i.e. Nitroglycerine, Nicotine, Fentanyl, or any		
type of transdermal patch)		
History of welding or metal worker		
Any type of shunts		

Items that need to be removed before entering the restricted MRI scanning area include, but are not limited to:

REMOVE any of the following items before entering the MRI scanning area	Yes	No
Purse, wallet, money clip, credit cards or cards with magnetic strips		
Electronic devices such as cell phones or pagers		
Hearing aids, safety pins, hairpins, hair piece, wig, or barrettes		
Metallic jewelry or watch		
Cigarette lighters, pens, belt buckle, paper clips, keys, coins, or pocket knife		
Any clothing with a metallic zipper, snaps, hooks, or underwire		

I attest that the information on this form is correct to the best of my knowledge. I have watched the MRI safety video (<u>MRI safety video</u> ) and have had the opportunity to ask questions regarding the information on this form.

Student Printed Name and Signature:				
Date:				
Reviewed by	Da	nte:		

The students are aware that at any time, while enrolled in the Radiologic Technology Program should there be any change (i.e. medical issues, health concerns, etc.) related to items on the MRI Safety Screening Student Form, notification about this to the Program's Director is MANDATORY!