



# **STUDENT GUIDE**

**Class of  
2022 - 2024**



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**RADIOLOGIC TECHNOLOGY  
ARIZONA WESTERN COLLEGE  
STUDENT GUIDE**

The rules and regulations contained in this guide have been affirmed by the Radiologic Technology Advisory Committee to ensure the professional conduct of all students.

The provisions in this guide are not to be regarded as a contract between the student and Arizona Western College. The program reserves the right to change any provisions or requirements when such action will serve the interest of the college or the students.

**2022-2024**



## **INTRODUCTION**

The Radiologic Technology program is a Joint Review Committee on Education in Radiologic Technology (JRCERT) accredited Associate in Applied Science degree program taught by Arizona Western College. It consists of 22 months of didactic instruction with continuous clinical rotations to affiliate Radiologic Technology departments.

### **JRCERT**

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[2021 Radiography Standards](#)

## **STATEMENT OF MISSION**

The Radiologic Technology program is a comprehensive competency-based program of study that prepares students to sit for the National Registry Examination offered by the American Registry of Radiologic Technologists (ARRT) and allows successful students to graduate with expertise at the entry level in the field of Radiologic Technology and to be eligible for education and training in other specialized diagnostic imaging fields.

## **STATEMENT OF ROLE AND SCOPE**

The program implements its mission through a clearly defined set of objectives and goals that meet and exceed the “Standards” for an accredited program set by the Joint Review Committee on Education in Radiologic Technology.

### **Didactic Instruction**

The program follows the American Society of Radiologic Technologists (ASRT) curriculum guide in the presentation of Radiography content as well as the general education requirements for the associate degree.

### **Clinical Education**

The program is responsible for the professional behavior and clinical competency skills of its graduates. Clinical rotations through all phases of radiography are required to meet the job demands of the small office to the large hospital. Critical thinking skills and problem solving methods are emphasized.

### **Customer Service**

The program teaches and evaluates students in the affective areas of patient care. Teamwork, professionalism, and patient management skills are assessed throughout the curriculum. Involvement in professional society functions is strongly encouraged.

### **Access Programs**

The program provides students with counseling, tutoring and job placement services. Program and student assessment are routinely conducted and strategies are constantly being developed to improve and enhance the program and the student.

### **Quality Outcome Assessment**

All phases of the program are assessed to ensure that quality services are provided to the student, employer and the community. Areas such as RAD 100, instructor’s teaching abilities, ARRT scores, post graduate evaluations, student satisfaction surveys, etc., are used as assessment tools. The Radiologic Technology Advisory Committee is an active integral part of assessing the quality of the program and providing important input into the necessary clinical skills needed by the graduates.

The Radiologic Technology program participates in the Arizona Western College Program Review process on a five-year cycle. The Radiologic Technology program also participates in the Arizona Western College’s Student Learning Assessment Program on a yearly basis.

## **STATEMENT OF VALUES**

The program respects the diversity of its students and recognizes the worth, dignity, and potential of each student. Therefore, the program affirms the following values and beliefs:

### **Commitment to Students**

Belief in the priority of the finest instruction, resources and support services to enhance the growth and development of the students. The program supports students in clarifying their lifelong goals, developing interpersonal skills, and becoming self-sufficient.

### **Commitment to Excellence in Education.**

Belief in providing and being accountable for the quality of medical and general education and student support services. Graduates are prepared to demonstrate their knowledge, in written and oral communication, customer services areas, information technology, clinical procedures, equipment operation, quality assurance, and radiation safety.

### **Commitment to Faculty and Staff**

Recognition of the importance and contribution of all individuals who collectively create a positive learning environment. All members of the Radiologic Technology and College community should have the opportunity to enhance their potential for purposeful, gratifying, and productive lives in an atmosphere of lifelong learning.

### **Quality Clinical Environment**

Recognition of the importance of providing an ethical learning environment that is characterized by integrity, clear communication, open exchange of ideas, fairness in evaluations, and respect for all individuals of diverse backgrounds.

### **Effective Use of Resources**

Is community-centered and partnership oriented. Believes in the effective use of College and program resources to provide quality education and services to its students and community and to be accountable to all of its clinical affiliates.

Affirmed by the Arizona Western College Radiologic Technology Advisory Committee.

## **PHILOSOPHY AND GOALS OF THE PROGRAM**

The Radiologic Technology program, sponsored by Arizona Western College, is a twenty-two continuous month, Associate in Applied Science degree program. The students are involved in the educational training for a period of twenty-two months in order to meet the requirements of the program, the State of Arizona, and to be eligible to sit for the American Registry of Radiologic Technologists (ARRT) National Board Exam.

The clinical education of the program is based on sound academic performance, achievement of clinical objectives, and a thorough testing system for clinical competency.

It is the purpose of the Radiologic Technology program of Arizona Western College to produce graduates that are competent technologists, registry eligible, and demonstrate a professional concern for their patients.

The students' accomplishments of their clinical and academic objectives will prepare them for entry level into the field of Radiologic Technology.

The program is affiliated with Yuma Regional Medical Center (YRMC) and other clinical sites. While at YRMC and other affiliate sites, the students will rotate through all radiology services and clinics to participate in the clinical experiences that are necessary to round out the students' clinical education.

The program has an Advisory Committee comprised of area professionals in the field of Radiologic Technology and Health Administration. This committee helps guide the program in the production of qualified graduates that are needed to meet the expectations of the health care community.

***The Radiologic Technology program of Arizona Western College serves its communities of interest and its students through meeting and maintaining the following goals:***

1. Students will demonstrate competency at the entry level of the field of Radiologic Technology.
2. Students will demonstrate the ability to use critical thinking skills.
3. Students will communicate effectively.
4. The program will monitor its effectiveness.

## **STUDENT LEARNING OUTCOMES FOR ACHIEVEMENT OF GOALS**

### **1. Students will demonstrate competency at the entry level of the field of Radiologic Technology.**

Outcome 1: Students will demonstrate acceptable positioning skills.

Outcome 2: Students will provide appropriate patient care.

### **2. Students will demonstrate the ability to use critical thinking skills.**

Outcome 1: Students will demonstrate the ability to adjust technique to suit patient condition, pathology, or body habitus.

Outcome 2: Students will demonstrate competency on non-routine imaging views.

### **3. Students will communicate effectively.**

Outcome 1: Students will use effective oral communication skills.

Outcome 2: Students will use effective written communication skills.

### **4. The program will monitor its effectiveness.**

Strategy A: The program will strive for an average satisfaction rate of not less than 80% of employers will be satisfied with the graduate's entry level skills as determined by a graduate employer survey.

Strategy B: The program will maintain an average program completion rate of not less than 75% over a 5-year period.

Strategy C: The program will strive for an average pass rate of not less than 75% on the ARRT examination on first attempt over a 5-year period.

Strategy D: The program will encourage employer recruitment so that over a 5-year period not less than 75% of graduates actively seeking employment may be employed within 1 year after graduation.

Strategy E: The program will strive for an average satisfaction rate of not less than 80% of students will be satisfied with their education as determined by a graduate exit survey.

## **PROGRAM ASSESSMENT**

The students' input in the program's governance is extremely valuable. There will be several areas of the program's operation that will be evaluated during the student's educational experience. Suggestions for improving the program through assessment surveys, in class or personal discussions are welcomed and encouraged.

All phases of the program are assessed to ensure that quality services are provided to the student, employer and the community. RAD 100 summaries, instructor evaluations, ARRT scores, post graduate evaluations, student satisfaction surveys, etc., are used as assessment tools.

The Radiologic Technology Advisory Committee is an active and integral part of assessing the quality of the program and providing important input into the necessary clinical skills needed by the graduates. Students also have a means of giving feedback to the program by serving as class representatives and holding a position on the program's Advisory Committee.

The Radiologic Technology program participates in the Arizona Western College Program Review process on a five-year cycle, and also participates in the Arizona Western College's Student Learning Assessment Program on a yearly basis.

## **INSTRUCTIONAL AND ADMINISTRATIVE PERSONNEL – YUMA REGIONAL MEDICAL CENTER**

Robert Trenchel, D.O., CEO Chief Executive Officer

Deb Aders, Vice President Patient Care and CNO

Celia Renteria, Quality & Clinical Education Administrative Director

Savita Samaroo, MBA/GM, Director of Diagnostic Imaging

Martin Schotten, CRA, RT (R, N), CNMT, Manager Radiology Operations

Corey Evitch, BAS, Manager Radiology Operations

Theresa Murray, RN, Radiology Expert

Julio Orozco, Supervisor Radiology, AWC Clinical Coordinator

Shaun List, Supervisor Radiology

## **ADMINISTRATIVE PERSONNEL – OTHER AFILIAE SITES**

Rolando Cabrera, Office Manager – Pinnacle Health Care

Jessica Tejada, Office Manager – Desert Spine Institute

Jenny Nunez, Office Manager – BioFamily Injury Care Clinic - Fortuna

Bryan Payne, Office Manager – YRMC ProMed

Afton Mack, Office Manager – PrimeCare

Martha Avalos, Practice Coordinator – YRMC Bone and Joint

## **CLINICAL INSTRUCTORS – YUMA REGIONAL MEDICAL CENTER**

Amanda Mason, AWC Clinical Instructor

Hector Romero, AWC Clinical Instructor

Kaitlan Evitch, Parkview Medical Plaza, AWC Clinical Instructor

Juan Picazo, Parkview Medical Plaza, AWC Clinical Instructor

## **CLINICAL INSTRUCTORS – OTHER AFILIAE SITES**

Andrea Davison, PrimeCare, AWC Clinical Instructor

Marbella Peralta, Pinnacle Health Care, AWC Clinical Instructor

Alejandra Garcia, Desert Spine Institute, AWC Clinical Instructor

In process of hiring, BioFamily Injury Care Clinic - Fortuna, AWC Clinical Instructor

Zayra Rodriquez Gonzalez, YRMC ProMed, AWC Clinical Instructor

Ety Vasquez, YRMC Foothills, AWC Clinical Instructor

Jackie King, YRMC Bone and Joint, AWC Clinical Instructor

**RADIOLOGIC TECHNOLOGY ADVISORY COMMITTEE 2021-2023**

<b>Tracy Iversen</b> AWC Director Radiologic Technology	<b>Reetika Dhawan</b> AWC Vice President for Workforce Development and Career and Technical Education
<b>Francisco Vega</b> AWC Clinical Coordinator	<b>Brenda Malta</b> AWC Adjunct Faculty
<b>Rosalia Delgado</b> AWC Director of College Assistance Migrant Program	<b>Yolanda Rios</b> AWC Academic & Career Advisor
<b>Savita Samaroo</b> YRMC Director of Diagnostic Imaging	<b>Julio Orozco</b> YRMC Supervisor Radiology AWC Clinical Coordinator
<b>Lee Altman</b> AWC CTE Academic Advisor	BioFamily Injury Care Clinic – Fortuna Lead Technologist AWC Clinical Instructor
<b>Rolando Cabrera</b> Pinnacle Health Center Office Manager	<b>Jessica Tejada</b> Desert Spine Institute Office Manager
<b>Bryan Payne</b> YRMC ProMed Office Manager	<b>Alejandra Garcia</b> Desert Spine Institute Lead Technologist AWC Clinical Instructor
<b>Jenny Nunez</b> BioFamily Injury Care Clinic – Fortuna Office Manager	<b>Ety Vasquez</b> YRMC Foothills Clinic Lead Technologist AWC Clinical Instructor
<b>Amanda Mason</b> YRMC Radiologic Technologist AWC Clinical Instructor	<b>Hector Romero</b> YRMC Supervisor Radiology AWC Clinical Instructor
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<b>Jackie King</b> YRMC Bone and Joint Radiologic Technologist AWC Clinical Instructor	<b>Martha Avalos</b> YRMC Bone and Joint Practice Coordinator
<b>Student</b> AWC 1 <sup>st</sup> Year Radiology Class Representative	<b>Student</b> AWC 2 <sup>nd</sup> Year Radiology Class Representative



# AMERICAN REGISTRY OF RADIOLOGIC TECHNOLOGISTS – STANDARDS OF ETHICS

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## PREAMBLE

The Standards of Ethics of the American Registry of Radiologic Technologists (ARRT) shall apply solely to persons holding certificates from ARRT that are either currently certified and registered by ARRT or that were formerly certified and registered by ARRT (collectively, “Certificate Holders”), and to persons applying for certification and registration by ARRT in order to become Certificate Holders (“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 Certificate Holders 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 Certificate Holders 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.

1. The radiologic technologist acts in a professional manner, responds to patient needs, and supports colleagues and associates in providing quality patient care.
2. The radiologic technologist acts to advance the principal objective of the profession to provide services to humanity with full respect for the dignity of mankind.
3. The radiologic 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 radiologic 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 radiologic technologist assesses situations; exercises care, discretion, and judgment; assumes responsibility for professional decisions; and acts in the best interest of the patient.
6. The radiologic 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 radiologic 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.
8. The radiologic technologist practices ethical conduct appropriate to the profession and protects the patient's right to quality radiologic technology care.
9. The radiologic 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 radiologic 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.
11. The radiologic 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 Certificate Holders and Candidates. Certification and registration are methods of assuring the medical community and the public that an individual is qualified to practice within the profession. Because the public relies on certificates and registrations issued by ARRT, it is essential that Certificate Holders and Candidates act consistently with these Rules of Ethics. These Rules of Ethics are intended to promote the protection, safety, and comfort of patients.

The Rules of Ethics are enforceable. R.T.s 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.

Certificate Holders 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, alter or interpret the language of any Rule.

### **Fraud or Deceptive Practices**

#### **Fraud Involving Certification and Registration**

1. 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**

2. 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 certificate of 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.

### **Subversion**

#### **Examination / CQR Subversion**

4. Subverting or attempting to subvert ARRT's examination process, and/or 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 and/or CQR assessment process 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 assessment 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 unauthorized materials including, but not limited to, notes; 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 Subversion**

5. Subverting, attempting to subvert, or aiding others to subvert or attempt to subvert ARRT’s education requirements, including but not limited to, Continuing Education Requirements (CE), clinical experience and competency requirements, structured education activities, and/or ARRT’s Continuing Qualifications Requirements (CQR). Conduct that subverts or attempts to subvert ARRT’s education or CQR Requirements includes, but is not limited to:

- (i) 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
- (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.

### **Unprofessional Conduct**

#### **Failure to Conform to Minimal Acceptable Standards**

7. Engaging in unprofessional conduct, including, but not limited to:

- (i) 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;
- (ii) 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**

8. 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**

11. Knowingly assisting, advising, or allowing a person without a current and appropriate state permit, license, registration, or an ARRT registered certificate 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.

#### **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**

14. 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 patient 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.

##### **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, with the sole exception of speeding and parking violations. All alcohol and/or drug related violations must be reported; 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; or
- (iii) military courts-martial related to any offense identified in these Rules of Ethics

#### **Duty to Report**

##### **Failure to Report Violation**

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

##### **Failure to Report Error**

22. Failing to immediately report to the Certificate Holder'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.

The ARRT Standards of Ethics is made available for publication from the ARRT website. Visit [www.arrt.org](http://www.arrt.org) for more information.

## **DESCRIPTION OF THE PROFESSION**

Imaging examinations performed by, and the accompanying responsibilities assigned to a Radiographer shall be at the direction of physicians qualified to request and/or perform radiologic technology procedures. Upon successful completion of the program the Radiographer shall be able to:

1. Apply knowledge of anatomy, physiology, positioning, and radiographic techniques to accurately demonstrate anatomical structures on an image.
2. Determine exposure factors to achieve optimum radiographic technique with minimum radiation exposure to the patient.
3. Evaluate radiographic images for appropriate position and image quality.
4. Apply the principles of radiation protection to the patient, self, and others.
5. Provide patient care and comfort.
6. Recognize emergency patient conditions and initiate lifesaving first aid and basic life-support procedures.
7. Evaluate the performance of radiographic systems, know the safe limits of equipment operation, and report malfunctions to the proper authority.
8. Exercise independent judgment and discretion in the technical performance of medical imaging procedures.
9. Participate in Radiographic quality assurance programs.

All course outlines specifically state the required competencies, goals, and outcomes of each course, which will lead to all terminal competencies being met, and the program's mission completed.

## **PROFESSIONAL ORGANIZATIONS**

Students are encouraged to join professional radiologic technology organizations.

### **Attendance at Professional Meetings:**

1. Students attending professional meetings and educational functions will be excused from clinical classes. If the student misses an academic class, makeup work will be assigned.
2. Students who attend society functions will not be required to make up clinical education time. Those students who do not attend the society functions will attend clinical education practice.
3. Those students attending professional society functions and do not attend the specific classes as agreed upon will receive extra class assignments.
4. Students who attend local professional association meetings will receive merits that reflect the amount or personal time spent at the conferences.

# **PROSPECTIVE STUDENT** **INFORMATION**



## **PROGRAM ENTRY REQUIREMENTS**

The specific entry criteria for the program are:

1. Get on Prospective Students List
2. Read current Student Guide online
3. Next Generation reading score of 237 or higher
4. GPA of 2.5 or higher in prerequisite courses
  - Submit official transcripts for evaluation to Transfer Services of courses not taken at AWC
5. Submit a valid Fingerprint Clearance Card
6. Submit a completed Program application
7. ATI TEAS test score of 50% or higher
8. Presentation with program faculty and staff
9. Student Selection Process
10. Attend New Student Health Meeting
  - Complete Health and Safety Requirements
    - Current CPR certification
    - All Applicable Immunizations
    - Negative Drug Screen
11. Attend New Student Orientation

### **A. Prospective Students List:**

Contact the Radiologic Technology office at (928) 344-7552 and ask to be placed on the **Prospective Students List**. Read the **Prospective Student Information Packet** online. This is simply a list of students who are interested in the program and does not hold a place for you to be admitted into the Program.

### **B. Student Guide**

Read the current **Student Guide** online.

### **C. Next Generation Reading Test**

All prospective students are required to have a score of **237** or higher on the **Next Generation Reading Test**. This is part of the standard college placement tests. As part of the admission process to AWC, students are required to take Next Generation **ACCUPLACER Placement Test** which tests the students in Reading, Writing, and Math. Students are placed in appropriate courses based on their scores for each individual test. Students applying to the Radiologic Technology program are required to have a minimum Reading score of 237.

This test is available at no cost to the student through the AWC Testing Center located in the 3C Building. Register for the exam at [www.azwestern.edu/enrollment/testing-services](http://www.azwestern.edu/enrollment/testing-services). If you have already taken the test and have achieved the appropriate score, you will not be required to retest. If the student has not taken the test or did not attain the minimum score, the student will have to take/retake the test until the appropriate score is obtained. A student wishing to retest within 90 days will be charged \$20.00 after a 24-hour waiting period. If the minimum score is still not obtained, the student may retest again but only after a 90-day waiting period which will then be at no charge.

#### D. Prerequisites:

The Program is an intense and comprehensive program of study; it is a combination of academic course work and clinical training for two years. A strong background in mathematics and science courses is recommended in order to be eligible to apply to the AWC Radiologic Technology program. The GPA of the prerequisites is used as part of the student ranking process; **all prerequisites must be completed before the student applies to the Program. Applicant's GPA for the below mentioned courses must be a minimum of 2.50 in order to be eligible to apply to the Program.** Students must attain a minimum grade of “C” or above in all prerequisite courses. ***Prerequisites may not be repeated more than once. Students are not permitted to repeat more than 2 prerequisite courses.*** The student should submit transcripts of courses not taken at AWC to the Transfer Services office to be evaluated.

CIS 120	Introduction to Computer Information Systems	3 cr
MAT 142*	College Math with Application (or higher)	3 cr
ENG 100	Intro to Composition (or higher)	3 cr
ENG 101	Freshman Composition (or higher)	3 cr
PSY 101	Introduction to Psychology	3 cr
AHE 101	Medical Terminology	3 cr
BIO 160	Anatomy & Physiology (*BIO 201 & 202 may be substituted)	4 cr
* * * *	Approved Arts & Humanities Course	3 cr
<b>Total Prerequisite Credits</b>		<b>25 credits</b>

#### Arts\* \* \* \*

ARH 141 Survey of World Art 1  
 ARH 142 Survey of World Art 2  
 ENG 281 Intro to Film Studies  
 MUS 120 Music Appreciation  
 THE 101 Survey of Theatre  
 THE 102 History of Contemporary Theatre

#### Humanities\* \* \* \*

AJS 123 Ethics and Criminal Justice  
 ENG 170 Intro to the Literature of the Bible  
 ENG 180 Literature of the American West  
 ENG 185 Myths and Other Traditional Narratives  
 ENG 186 Folklore  
 ENG 190 Intro to Literature  
 ENG 216 Persuasive Writing on Public Issues  
 ENG 220 Science Fiction  
 ENG 231 World Literature to 1600  
 ENG 232 World Literature 1600 to Present  
 ENG 241 English Literature to 1800  
 ENG 242 English Literature 1800 to Present  
 ENG 245 Contemporary Multicultural Literature  
 ENG 251 American Literature to 1860  
 ENG 252 American Literature 1860 to Present  
 ENG 261 Shakespeare  
 ENG 265 Women Writers

PHI 101 Intro to Philosophy  
 PHI 103 Intro to Logic  
 PHI 105 Intro to Ethics  
 PHI 210 Philosophy of Science  
 PHI 220 Medical Ethics  
 PHI/REL 233 Philosophy of Religion  
 PHI 240 Ancient Philosophy  
 PHI/POS 257 Social and Political Philosophy  
 REL 201 Comparative World Religions  
 REL 210 Intro to Old Testament  
 REL 220 Intro to New Testament  
 SPA 260 Mexican-American Literature  
 SPA 261 Intro to Spanish Literature  
 SPA 263 Intro to Hispanic Film and Culture  
 SPA 265 Survey of Spanish and Spanish-American Literature

\* \* \* \* Subject to change, see current AWC Catalog for approved Arts & Humanities courses.

\*Only 3 credits of math will be used to calculate a student's prerequisite GPA. If a student has taken a higher level math course (e.g. MAT 151) excluding MAT 183, the math course will be calculated based on a 3-credit scale. This does not affect a student's Official Transcripts; the conversion is used solely for ranking purposes.

\*The same applies to BIO 201 and BIO 202, 8 credits will be calculated as 4 credits solely for ranking purposes.

### ***Transcripts***

If a student has attended a college or university other than AWC, official transcripts must be evaluated by the office of Transfer Services for transfer credit. It is the student's responsibility to request the official transcript(s) from the prior college(s). Transfer credits will not be considered until the evaluation is completed and posted to the student's AWC record. **The transcript evaluation process may take three to six weeks and must be completed by the application period deadline.** Please contact Transfer Services by phone (928) 344-7638 or visit them in the 3C Building on Main Campus, or by mail.

A [Request for Evaluation/Re-Evaluation of Credits](#) MUST be filled out in order for your transcripts to be evaluated. The student must specify Radiologic Technology as their Major. NOTE: If the institution that you are transferring your credits from ONLY sends out ELECTRONIC transcripts, you need to have them send DIRECTLY to AWC at [transfer.services@azwestern.edu](mailto:transfer.services@azwestern.edu). Faxed or printed copies will NOT be acceptable. Acceptable transcripts require the imprint of the official school seal and be sent directly from the issuing institution to: Arizona Western College, Attn: Transfer Services office, PO Box 929, Yuma, AZ 85366-0929.

An **Application for Admission to AWC** must be completed if (a) You are a new student to Arizona Western College or (b) You are a former AWC student and have not taken classes in the past 12 months. *There is a separate application form that is required to apply for the Radiologic Technology program (See below).*

#### **E. Order a Fingerprint Clearance Card (if you do not have a current\* card)**

Fingerprint Clearance Card application instructions are available OUTSIDE the Radiologic Technology Office (LR 224) or on the radiology webpage. Order online at <https://www.aps.gemalto.com/az/index.htm> note it will cost approximately \$73 to order. *Be advised that it can take anywhere from 4 – 8 weeks to receive the card from The Department of Public Safety.* The Radiologic Technology Program will **NOT** accept Program applications without the card. If the student already has a Fingerprint Clearance Card that has not expired, the student will have to submit a copy of the card along with the completed Program application. The Radiologic Technology office will verify the validity of the submitted card with the Department of Public Safety. Students who are unable to submit a valid Fingerprint Clearance Card will **NOT** be allowed to apply. ***It is recommended to order Fingerprint Clearance Card in the fall semester prior to applying in January.***

*\*A current card is one that will not expire before the end of the 2-year program enrollment period.*

#### ***Criminal Background Check by valid Fingerprint Clearance Card:***

- I. Applicants to the College's Radiologic Technology program (the "Program") must present a valid fingerprint clearance card in order to be cleared for clinical placement prior to submitting an application to the Radiologic Technology program. The primary clinical affiliate for the Program, Yuma Regional Medical Center, requires all students operating in a clinical setting to be cleared for patient contact using the same criteria as outlined in the American Registry of Radiologic Technologists (ARRT) Standard of Ethics, Section B – Rules of Ethics, Subsection 3. An applicant not cleared for clinical placement will not be allowed to apply to the Program until he/she presents a valid fingerprint clearance card. The card must not expire during the student's enrollment period in the program (2 years). If a review of the current card shows that it will expire during the enrollment period in the program, the applicant will be required to apply for a new fingerprint clearance card. Admission to the program is contingent on presentation of a valid fingerprint clearance card.

- II. Students applying for enrollment in the Radiologic Technology program **are required to disclose** the following information on their application:
- a. Criminal proceedings including:
    - i. misdemeanor charges and convictions;
    - ii. felony charges and convictions;
    - iii. military court-martial;
  - b. Disciplinary actions taken by a state federal regulatory authority or certification board; and/or;
  - c. Honor Code Violations
  - d. Dismissal from another Radiologic Technology program

III. ***Falsification or presentation of fraudulent information on the application form will result in denial of enrollment in the program or once enrolled, is grounds for disciplinary action by the College including expulsion and conditions placed on future enrollment.***

IV. Clearance of a student with a criminal history to participate in clinical settings in the Program does not ensure that, upon completion of the Program, the student will meet the requirements for certification imposed by the ARRT. A student with any criminal history should contact the ARRT at the time of application to the Program to review his or her eligibility for eventual certification as a radiologic technologist. Students are advised to complete the Ethics Review Pre-Application Packet and submit to the ARRT.

The College may request an updated fingerprint clearance card at any time during enrollment in the Program. Students must inform the program director of any involvement with the criminal justice system while they are enrolled in the program. A criminal conviction which occurs while the student is enrolled in the program will impact the student's ability to participate in clinical assignments and will be cause for removal from the program.

The validity of the fingerprint clearance card will be checked by AWC. (See Authorization to Verify Validity of Fingerprint Clearance Card form)

***ARRT Ethics Review (if applicable to you)***

After graduation students are considered candidates to sit for the American Registry of Radiologic Technologists (ARRT) National Certification Board Examination. Candidates must comply with the "Rules of Ethics" contained in the American Registry's "Standards of Ethics".

Applicants must disclose any:

1. Felony charges and convictions; and/or
2. Misdemeanor charges and convictions; and/or
3. Military court martial; and/or
4. Disciplinary actions taken by a state or federal regulatory authority or certification board; and/or
5. Honor code violations
6. Dismissal from another Radiologic Technology program

A conviction of, or plea of guilty to, or a plea of nolo contendere to a crime that is either a felony or a misdemeanor, must be investigated by the ARRT in order to determine eligibility.

If violations are disclosed, the student must:

1. Make an appointment with the program director to discuss the ethics review process; and
2. Complete and submit to the ARRT the "*Ethics Review Pre-Application Packet*" found online at [www.arrt.org](http://www.arrt.org) or go directly to [ARRT Ethics Pre-application Form](#)

## F. Submit Program Application

Program applications are available at the Radiologic Technology office (LR 224) or on the Radiology Program website. Applications will be available *mid-January to the last Thursday in February* and must be filled out completely before submitting to Radiologic Technology office. Students must submit the following documents along with the completed application:

1. Next Generation Reading score must be obtained from Testing Services located in the 3C Building.
2. Unofficial transcripts to verify prerequisite GPA must be obtained from the Admissions and Registration office located in the 3C Building; printouts from Web Advisor will NOT be accepted.
3. Valid Fingerprint Clearance Card.

## G. ATI TEAS Exam

The **ATI TEAS Exam** is the computerized **Test of Essential Academic Skills** for Allied Health and is taken at AWC Testing Center (located in the 3C Building). **A testing permit for the ATI TEAS Exam will be issued by the Radiologic Technology office upon verification of acceptable prerequisite GPA and Reading Test score.** The ATI TEAS measures basic essential skills in the academic content area domains of reading, mathematics, science and English and language usage. The Program requires the student to take this exam to measure their academic preparation for the medical field. All students are required to take the exam and pass with a minimum score of 50% or above to continue with the application process. The ATI TEAS exam is comprised of 150 questions with four subject areas including: Reading, Mathematics, Science, and English and Language Usage. There is a copy of the Study Guide available in the AWC Library Reserves Section. This copy is available for a 2-hour period and can only be viewed in the library. If you would like to purchase a copy of the study guide, it is available at <https://www.atitesting.com/teas/study-manual> for an estimated cost of \$25.00.

The ATI TEAS exam is administered by the AWC Testing Center between mid-January to March 10th. Test scores must be turned in to the Radiologic Technology office by the due date; no exceptions will be made. A testing permit must be issued by the radiology program prior to taking the ATI TEAS exam. The student must attain a score of 50% or higher. If a student's score is above the minimum 50%, that score will be recorded in the ranking process. Students with the minimum 50% score will not be allowed to retake the exam to improve their scores. Students will only be allowed to retake the ATI TEAS if their score is below a 50%. ***A student who has a score below 50% has to request a retake exam permit from the Program. There will be a 7-day waiting period before a student can retake the exam; the TEAS exam will not be administered after March 10<sup>th</sup> -plan accordingly.*** A student can only retake the exam once per application period. The initial exam is free to the student. If a student must retake the exam because they did not pass the first time, then a retake fee of approximately \$65.00 will need to be paid to the AWC Business Office / Cashier (payable to **10-0000-13746-5210**).

## H. Presentation Process

The Radiologic Technology office will schedule a presentation when a student has confirmed their intent to continue with the application process. Communication skills are very important. Radiologic Technologists must explain all procedures to patients in order to get informed consent to perform exams, to obtain medical histories, to calm and comfort anxious patients and to give vital information to Radiologists, Physicians, and other members of the healthcare team. The presentation process allows your communication skills to be assessed. No applicant will be admitted without a presentation that achieves a passing score.

1. Please report promptly at the scheduled date and time.
2. Presentation should be approximately 5-7 minutes.
3. There will be three to five persons on the committee.
4. Applicants will be evaluated for communication skills, use of technology, and adherence to the chosen topic.

### **Student Selection Process**

Student ranking will be completed after all applicants have been through the presentation process. Applicants will be notified in April of acceptance or declination by email by the Radiologic Technology office. **Please do not call with inquiries about selection.**

Student ranking is based on:

<b>Category</b>	<b>Minimum Score Required</b>	<b>Highest Possible Score</b>	<b>Ranked Points</b>
<b>Prerequisite GPA</b>	2.50	4.00	4 point
<b>Reading Score</b>	237	300	1 point
<b>ATI TEAS Exam</b>	50	100	1 point
<b>Presentation</b>	9	15	1 point
<b>Total Points Possible</b>			<b>7 points</b>

Applicants will be selected in two separate groups:

**1<sup>st</sup> ranking:** Includes students in the top 20 after all scores have been weighted. Their transcripts will reflect successful completion of all prerequisite courses, acceptable Reading, ATI TEAS and Presentation scores. The highest-ranking students will be offered seats for the summer semester. The maximum number of students may be less than 20 pending clinical site status. Students who are considered in this ranking will be notified of their status no later than April 15<sup>th</sup>.

**A 2<sup>nd</sup> ranking** will be done when/if seats are available after the 1<sup>st</sup> ranking. Students who were not selected in the 1<sup>st</sup> ranking will be offered seats if the students who were initially selected defer their admission or change their career choice. The highest ranking students on the list will then be offered those remaining seats.

**Students will be notified by toro email of acceptance or declination to the Program.**

#### **I. New Student Health Meeting**

Students will need to attend the Health Meeting at the scheduled date and specified time. Health and safety requirements must be completed and all documentation uploaded to the RAD On-Boarding Canvas course in order for students to be cleared for clinical placement one month prior to the first day of clinicals. Students must follow a specific timeline in order to ensure that all requirements are met by the deadline. Timeline will be explained in detail to accepted students during this meeting.

***Health and Safety Requirements include:***

##### ***1. CPR Certification***

Valid Basic Life Support (BLS Provider) – CPR Certification. American Heart Association or Red Cross Certification is acceptable. Card must state either Basic Life Support (AHA) or Professional Rescuer (ARC). Re-certification will be required during the second year.

##### ***2. Physical Examination***

The Student Medical History Form must be completed and signed by a Physician, Nurse Practitioner, or Physician Assistant (MD, NP, PA).

##### ***3. TB Screening***

Submit documentation of a TB skin test within the last year.

Annual screening is required

If there is history of a positive skin test provide:

- Chest x-ray results, done within a year after the positive skin test

#### **4. Immunizations or titers**

- **Measles, Rubella (MR) and Varicella**
  - Submit documentation of two MMR vaccinations and two varicella vaccinations. If documentation is not available, titers must be completed within last 12 months and results submitted.
- **Hepatitis B Vaccinations**
  - Vaccinations are administered in a series of three injections over a 6-month period. Proof of immunizations or a Waiver declining the vaccine must be provided (waivers are available for download in the Rad On-Boarding Canvas course) \*\*The Hepatitis Vaccine is strongly recommended.
- **Influenza Vaccination**
  - Although not required, it is strongly recommended.
- **COVID 19 Vaccination**
  - Students should be vaccinated when clinical facilities require it so that they can participate in the clinical experience and progress in their programs.
  - Radiology education programs are mandated by program accreditors to provide students with clinical experiences. They are not obligated to provide substitute or alternate clinical experiences based on a student's request or vaccine preference.
  - YRMC clinical sites and Pinnacle Health are requiring students to be fully vaccinated for COVID 19.

#### **5. Respirator fit testing**

- Prior to attending clinicals, each student will be fitted for an N95 respirator. The students will be required to use the appropriate respirator when working with COVID 19 patients, any patient in air-borne isolation, or as directed by the clinical sites or AWC faculty.

#### **6. Drug Screen must be:**

- Requested through CastleBranch at [www.CastleBranch.com](http://www.CastleBranch.com) for an estimated cost of \$35.00.
- The drug screening must be completed and results submitted 1 week prior to the first day of class.
- Results will be verified through CastleBranch.
- The Health Evaluation/Drug Screen Consent and Release form must be submitted.
- Students with a positive drug screen will not be allowed to enroll in Radiology courses.

#### **J. New Student Orientation**

Students will need to attend the AWC New Student Orientation and the YRMC New Student Orientation at the scheduled date and specified time. Pictures will be taken for AWC name badge and for class poster. Students must come in their uniforms and follow the dress regulations. YRMC badges will be made at YRMC.



## Authorization to Verify Validity of Fingerprint Clearance Card

I understand that as a condition of admission in the AWC Radiologic Technology program (the Program); I must present a valid Fingerprint Clearance Card. As a candidate for admission, I fully understand that if my Fingerprint Clearance Card comes back invalid I will be disqualified from admission to the Program.

My signature below indicates that I agree to have the Radiologic Technology office verify the validity of my Fingerprint Clearance Card with the Department of Public Safety. The results obtained may be used by the Program in its review and consideration of my admission status and, hereby release AWC and its agents from any liability or claim arising out of this procedure or information obtained through the inquiry outlined above. Any personal information provided will be used for the sole purpose of verifying the validity of my Fingerprint Clearance Card.

***Please print legibly. Any form containing illegible or missing information will not be processed. The original Fingerprint Clearance Card must be presented at time of submittal of this form.***

Print Name: \_\_\_\_\_

AWC ID: \_\_\_\_\_

Fingerprint Clearance Card Number: \_\_\_\_\_

SSN: \_\_\_\_\_

Student Signature: \_\_\_\_\_

Date: \_\_\_\_\_

**For office use only:**

FCC Valid:  Yes  No

Date Verified: \_\_\_\_\_

Revised 03-27-12



## **GRADUATION REQUIREMENTS**

### **Graduation Requirements**

1. Successful completion of all clinical and graduation competencies.
2. Successful completion of all RAD coursework with at least a “C” grade.
3. Successful completion of all required courses for the Associate in Applied Science Degree in the general studies area.
4. Cumulative RAD and overall GPA of 2.5 or higher.

### **Graduation Competencies**

1. Use effective oral and written communication
2. Demonstrate knowledge of human structure, function and pathology
3. Anticipate and provide basic patient care and comfort
4. Apply principles of body mechanics
5. Perform basic mathematical functions
6. Operate radiographic imaging equipment and accessory devices
7. Position the patient and imaging system to perform radiographic examinations and procedures
8. Modify standard procedures to accommodate for patient condition and other variables
9. Process images on the computerized system
10. Set exposure factors to obtain diagnostic quality radiographs with minimum radiation exposure to the patient
11. Adapt exposure factors for the various patient conditions, equipment, accessories and contrast media to maintain appropriate radiographic quality
12. Practice radiation protection for patient, self and others
13. Recognize emergency patient conditions and initiate first aid and basic life support procedures
14. Evaluate radiographic images for appropriate positioning and image quality
15. Evaluate the performance of radiographic systems, know the safe limits of equipment operation, and report malfunction to the proper authority
16. Demonstrate knowledge and skills relating to quality assurance
17. Exercise independent judgment and discretion in the technical performance of medical imaging procedures and use critical thinking skills to evaluate situations and procedures which deviate from the norm
18. Successfully complete the required clinical competencies, venipuncture and Patient Care functions

### **Clinical Competencies**

1. Completion of all the required ARRT Clinical Competency Requirements
2. Completion of all assigned clinical rotations
3. Completion of all clinical objectives

## **TECHNICAL STANDARDS**

(Physical, cognitive, and behavioral requirements for students in the Radiologic Technology program)

### **STANDARD 1**

In order to provide safe care in the Radiologic Technology program, the students must be able to satisfy, with or without reasonable accommodation, physical, cognitive, and behavioral abilities required for satisfactory completion of all aspects of the curriculum. The essential abilities required by the curriculum are in the following areas: motor, sensory, communication, intellectual (conceptual, integrative and quantitative abilities for problem solving and patient assessment) and the behavioral and social aspects that impact the performance of a Radiologic Technology student. Any change in physical, cognitive and/or behavioral status of the student requires a new student medical history form to be placed in the student's file.

### **STANDARD 2**

The Program requires the use of comprehensive speech, memory, reading and writing to communicate with clients, families and other health professionals. The student must be able to quickly and efficiently provide direct care functions, engage in therapeutic communication and function effectively in stressful situations.

### **STANDARD 3**

Essential functions for patient care include the use of senses to gather information, i.e. color changes in the skin, hearing heart and lung sounds through a stethoscope, feeling pulses and feeling hot/cold skin, etc. patient care requires the ability to synthesize information from a variety of sources and apply it in making decisions regarding safe patient care. The student must be focused and alert to maintain patient care safety. This includes the ability to place the patient care's needs first.

### **STANDARD 4**

During clinical training, the student must be able to accomplish tasks that ordinarily require the student to stoop/bend, squat, kneel, climb, push/pull, grasp/handle, reach over shoulders, reach at waist, reach below waist, lift, hear, see, smell, touch, stand and walk during most of the entire clinical day (between 4 and 10 hours). Physical agility is required while working. There is pushing and pulling of various medical equipment and items required for patient care. There may be a need to lift patient with and without mechanical devices.

### **NOTE: AccessABILITY Resource Services (ARS)**

The AccessABILITY Resource Services office works in partnership with students with disabilities, faculty and staff to remove barriers in the educational process through design and accommodation. We recognize disability as an aspect of diversity and promote a culture of inclusion for all diverse groups.

Goals for students:

- Become effective self-advocates, independent and self-sufficient
- Build self-awareness, self-esteem and self-identity
- Work through personal obstacles and obtain academic success

Requesting Accommodations

- Students must self-identify with [AccessABILITY Resource Services](#) and submit documentation on the disability/(ies).
  - The eligibility determination process is not a same day process. Once documentation is received, it will be reviewed in order of receipt; therefore, it is recommended that documentation be submitted well in advance of any accommodation related needs (e.g. exam accommodations and alternative media services).

- Students must make an appointment with the [ARS Coordinator](#); located on the second floor of the 3C building at (928) 344-7629. Students must meet with the coordinator each semester to develop the accommodation letter.
  - Be prepared to speak to the Coordinator about their disability and the barriers they feel they may encounter in the classroom, as well as, accommodations or design modifications needed to ensure equal access.
  - The ARS Coordinator works with students to determine which design modifications or accommodations are appropriate for each class.
  - We encourage all students to contact instructors two weeks before the start of classes to discuss accommodations and success strategies for the semester. This not only gives the instructor time to consider the changes that will be needed to ensure access to materials, but also breaks the ice and encourages more effective communication.

*Note: Services can be requested at any time during the semester; however, requesting services well in advance will help ensure resources are available when needed.*

### **EQUAL OPPORTUNITY POLICY AND STUDENTS WITH DISABILITIES**

Arizona Western College does not discriminate in admission or access to, or treatment or employment in, its services, programs, or activities on the basis of race, color, national origin, sex, religion, age (40+), or disability, in compliance with the laws of the United States and the State of Arizona. Any questions regarding that applicability of state and federal anti-Discrimination laws to Arizona Western College and its services, programs or activities, and any grievances or claims of violation of such laws, should be directed to its Title IX Compliance Officer: The Chief of Human Resources Officer, P.O. Box 929, Yuma, AZ, 85366-0929, (928) 344-7505.

# **CLINICAL EDUCATION** **POLICIES**

## **CLINICAL EDUCATION REQUIREMENTS / OBLIGATIONS**

Clinical education requirements are designed to help the student learn to adjust to the requirements of the professional work force.

### **Rules:**

The student must:

1. Maintain prompt attendance in all clinical assignments.
  - a. If sick and cannot attend their clinical assignment, call site clinical instructor or technologist in charge 1 hour before they are supposed to report to clinic.
  - b. For any clinic assignment absence, immediately inform the clinical coordinator by email and document the absence on Trajecsys.
  - c. Document any failure to clock in/out on Trajecsys with the corresponding "Time Exception".
  - d. Make up missed clinical time before the end of the semester in order to complete clinical competencies within the required time frame.
  - e. All time missed must be made up by the due date of the clinical objectives.
  - f. If a prolonged illness or injury (extenuating circumstances such as: auto accident, hospitalization, surgery, etc.) occurs that would cause a student to miss clinical practice and fall behind in obtaining clinical objectives and competencies, the make-up time will be at the discretion of the clinical coordinator and the program director.
2. Pass the physical requirements of the program.
3. Pass drug screen and fingerprint clearance required by clinical affiliates.
4. Meet vaccination requirements as per clinical affiliate requirements.
5. Maintain CPR certification.
6. Rotate through all clinical assignments including weekend and evening rotations to gain working knowledge of the equipment and procedures done.
  - a. All clinical sites are in the Yuma area within 20 miles from AWC Main Campus.
7. Complete all clinical competency objectives on or before the required deadlines set each semester.
8. Complete satisfactory rotations through elective areas such as Special Procedures, Nuclear Medicine, CT, MRI, Ultrasound and Mammography.
9. Maintain satisfactory clinical evaluations completed by staff technologists and clinical instructors.
10. Manage emergency room patients and produce satisfactory images within the specified time as designed by the program.
11. Demonstrate compassion and professional conduct at all times while working with patients.
12. Be able to communicate effectively with patients.
13. Able to communicate and interact positively with fellow students, staff, technologists, and faculty.
14. Complete required competencies within the specified time and is expected to retain proficiency.
15. Refrain from coming to clinic during their time off unless approved by instructors.

**Any infraction of the above rules is subject to disciplinary actions.**

## **CLINICAL ROTATIONS**

The clinical education received in this program provides the student with the clinical background in the manipulation of equipment, the management of all types of patients, the setting of proper radiographic techniques, image evaluation, and processing. All areas of these basic skills must be mastered before the student can successfully complete the program and be eligible to be certified by the American Registry of Radiologic Technologists. All clinical and didactic activities assigned to students are designed to meet program and student outcomes. Students will not be scheduled in clinic for more than 10 hours per day.

During the two-year training program, the student must rotate through the following clinical assignments for the length of time prescribed by the program director and clinical instructors:

1. Fluoroscopy
2. Portable Imaging
3. Surgery
4. ER
5. Evening shift
6. Weekend shift
7. Outpatient Care Clinics

### **Electives:**

8. Special Procedures Radiography
9. Computerized Tomography
10. Nuclear Medicine
11. Radiation Therapy
12. Diagnostic Medical Sonography
13. Magnetic Resonance Imaging
14. Radiologic Technology Education
15. Mammography

## **AFFILIATE CLINICAL SITE ASSIGNMENTS**

**Rules:** The student must adhere to all AWC Radiologic Technology requirements while assigned to Affiliate Clinical sites.

### **PROCEDURES:**

#### **Responsibilities**

##### **Student**

#### **Action**

1. Calls clinical instructor or technologist in charge of assigned site if expects to be out sick, late, or has changes in normal routine, i.e. doctor's appointment.
2. Emails clinical coordinator regarding clinical absences.
3. Emails clinical coordinator with any changes at posted clinical sites.
4. Reports for duty unless otherwise directed. (Follows clinical rotation schedule).
5. Communicates with staff in charge about lunch time.
6. Reports back to staff when returning to department.
7. Requests weekly clinic evaluation from a staff technologist at assigned sites.
8. Checks Trajecsys weekly to ensure evaluation have been completed.
9. Meets all competency requirements.
10. Completes tasks in Trajecsys as instructed by clinical coordinator.

##### **Clinical Instructor**

1. Supervise student
2. Notifies clinical coordinator concerning student and/or staffing issues

##### **Clinical Coordinator**

3. Notifies clinical instructor if changes were made in schedules.
4. Documents absences.
5. Obtains and reviews performance evaluations.
6. Reviews objective accomplishments.
7. Documents and informs the program director about any student who is having difficulty following procedures.

##### **Program Director**

1. Reviews all records.
2. Participates in the informal grievance process.

## **CLINICAL SCHEDULING**

All Radiologic Technology didactic theory classes will follow the College's academic calendar. However, due to the clinical requirements needed for graduation, the clinical rotations may not follow the published college calendar.

The radiography program's curriculum is based on 22 months of academic study and clinical rotations to acquire clinical competency. The purpose of clinical rotations through hospitals and offices is to provide the students the variety and number of radiographic procedures that need to be performed and evaluated before clinical competency can be obtained.

In order to graduate from the program within the published two years a standard number of radiographic procedures must be completed by each student as well as other written assignments and the completion of specific clinical objectives.

Students will receive specified breaks as noted in the college calendar, however, those students who have not obtained the required number of clinical competencies will be strongly encouraged to schedule designated break days for clinical rotations in order to achieve the number of exams as required. All students can be scheduled for clinical rotations during breaks in order to meet clinical objectives or to make up clinical rotations that are missed during the semester. Students will not be scheduled in clinic on National holidays.

The purpose of clinical scheduling during college breaks is to assist those students that have not met established program clinical requirements during the semester. This additional time provides the clinical time and rotations necessary to meet semester requirements. This would assist the students in graduating as scheduled, and to be able to sit for the National Registry Examination with their classmates.

Students entering the Radiologic Technology program must be willing to devote their time and energies to a medical technical specialty that requires dedication and commitment.

## **VOLUNTEERING FOR CLINICAL PRACTICE**

Students who wish to volunteer for additional clinical practice must follow specific guidelines:

1. Get prior approval from the clinical instructor/coordinator with specific dates and times, which match current clinical rotations and level of skill.
2. Provide clinical instructor/coordinator a list of objectives that you would like to accomplish during rotations.
3. A clinical supervisor must be present during rotations.
4. All program policies are in force while volunteering.
5. Volunteerism time cannot be utilized for make-up time unless extenuating circumstances prevail.
6. Failure to meet the scheduled volunteer obligation will result in the following:
  - a. The student will be counted absent for failure to meet his/her obligations and commitment.
  - b. The student may forfeit future volunteer opportunities.
7. The student must notify the site's clinical instructor or technologist in charge, and email the clinical coordinator if there is an emergency and the obligation cannot be fulfilled.



## **DIRECT AND INDIRECT SUPERVISION**

**Purpose:** To inform student of responsibilities concerning direct and indirect supervision of the Radiologic Technology student.

**Statement:**

According to Standard 5.4 of the Standards for an Accredited Educational Program in the Radiography:

Until students achieve the program's required competency in a given procedure, all clinical assignments should be carried out under the direct supervision of qualified radiographers. *JRCERT defines direct supervision as student supervision by a qualified radiographer who:*

1. reviews the procedure in relation to the student's achievement,
2. evaluates the condition of the patient in relation to the student's knowledge.
3. is physically present during the performance of the procedure, and
4. reviews and approves the procedures/images.

After the student has met the requirements for competency on exams, the student may then perform them under indirect supervision. *JRCERT defines indirect supervision as that supervision provided by a qualified radiographer immediately available to assist students regardless of the level of student achievement.* "Immediately available" is interpreted as the physical presence of a qualified radiographer adjacent to the room or location where a radiographic procedure is being performed. This availability applies to all areas where ionizing radiation equipment is in use on patients.

**All mobile procedures, surgical procedures, and repeat imaging must be performed under direct supervision.**

## **INFECTIOUS PATIENTS**

**Statement:**

AWC Radiologic Technology students will adhere to the rules and regulations established by the Affiliate Clinical sites. For the safety of the patients and the safety of the students, a staff technologist or an instructor **MUST** be present when radiographing a patient on isolation precautions. Students **MUST** practice universal precautions while radiographing patients at all times.

**STUDENTS MUST PERFORM ALL EXAMS ON INFECTIOUS PATIENTS  
UNDER DIRECT SUPERVISION**

## **CLINICAL MERITS AND DEMERITS**

**Merits:** A numerical documentation of performance which exceed the expectations of clinical performance to a notable degree. Merits are assigned by the clinical coordinator to remove demerits for attendance or dress code infractions. Merits can only be used to remove 1 demerit for attendance or dress code infraction.

**A merit cannot be used in any way to increase the clinical competency portion of the clinic grade. This includes comps, rechecks, written objectives, ethics, and professionalism.**

Merits can be given for:

1. Unusual case studies (limited to two per semester).
2. Perfect attendance (No days missed and no tardies in a semester).
3. Written thanks from patients or physicians.
4. Exceeding the required number of competencies by two or more.
5. Difficult or rare examinations.
6. Documentation of excellent performance submitted by staff of radiographers.
7. Volunteering to assist with community service.
8. Other merits may be given at the instructor's discretion.

Merits can be carried over from one semester to the next.

**Demerits:** A demerit is a numerical documentation of unsatisfactory performance, which will affect a student's clinical grade. Demerits are assigned by the clinical coordinator. The number of demerits given will depend on the seriousness of the infraction and the frequency of the infraction. Demerits will be taken from the clinic grade. 1 demerit = 1 clinical grade point

Demerits may be given for:

1. Violation of dress code.
2. Not properly calling in when absent from clinical practice.
3. All absences after three (3). (Only two absences allowed for summer semester).
4. All tardies after two.
5. Leaving clinic without permission.
6. Being unprepared for clinical assignments.
7. Failure to turn in written assignments.
8. Not submitting required number of evaluations.
9. Not entering appropriate data in the computer.
10. Failure to follow universal precautions.
11. Not having ID markers in clinic area.
12. Failure to put correct marker on image (right or left).
13. Using another person's marker.
14. Incorrect identification of images.
15. Failure to wear a dosimeter in the clinic area or AWC clinical lab.
16. Not cleaning x-ray rooms as assigned.
17. Not following professional standards, and/or exhibiting unprofessional and unethical behavior.
18. Careless conduct that causes a critical incident in which a patient is involved.
19. Failure to question pregnancy and shield patient; especially those of childbearing age and pediatric patients.
20. Performing exams without proper supervision (Direct/Indirect).
21. Repeating exams without proper supervision (Direct).

22. Failure to finish entire exam (ex: release patient, finish paperwork, reschedule patient).
23. Failure to complete competency exams or rechecks, or electives:
24. Failure of a recheck exam.
25. Exam failures after three (3) per semester.
26. Inconsistent performance in clinical rotations.
27. Not having staff check images.

**Note: this is only a partial list; demerits can be given at the discretion of the instructors.**

## CLINICAL GRADING POLICIES

**Demerits are given at the discretion of the clinical coordinator for inefficiency and/or inadequacy in the clinical area and will affect the clinical grade.**

Clinical grades are determined in five areas. The areas and each determining factor are listed below.

### EVALUATIONS

The required number of evaluations must be completed by the mid-term and semester deadline. For each evaluation not turned in, demerits will be taken from the clinical grade in this category.

The student can score a maximum of ten (10) points on the final grade sheet for evaluations. The student is required to have evaluations completed from the staff for 50% of his/her grade; the clinical coordinator submits two (2) "*Performance Evaluations*" for the other 50% (mid-term and end of the semester).

To calculate the grade for the staff evaluations part of the final grade, a point value is assigned to each of the columns of the 2<sup>nd</sup> year student evaluation form: the best being ten (10) and the worst being zero (0). The sum of all acquired points is then divided by the total number of categories checked (12). On the 1<sup>st</sup> year student evaluation forms, the best is ten (10) and the worst is four (4). All staff evaluations will be calculated in this manner. For averaging, the points are totaled and divided by the total number of evaluations for the final point value of staff evaluations.

1 <sup>st</sup> year Student Point Value:	10	8	4	0	
2 <sup>nd</sup> year Student Point Value:	10	8	6	4	0

Any student who receives a four (4) is considered to be below average in the performance being evaluated. Any student receiving a four (4) will be counseled by the clinical coordinator.

The same method and a similar rating scale are used for the clinical coordinator's "*Performance Evaluation*".

60 – 57 = 10	Excellent
56 – 53 = 9	Above Average
52 – 49 = 8	Average
48 – 45 = 7	Average
44 – 41 = 6	Satisfactory
40 – 37 = 5	Satisfactory
36 – 33 = 4	Below Average
32 – 29 = 2	Unsatisfactory
28 & below = 0	Unsatisfactory

Each category is given a score; the sum of which is totaled and given a point rating from the above scale (there will be two (2) "*Performance Evaluations*" from the clinical coordinator which carry 50% of the total grade for evaluations).

## **CLINIC ATTENDANCE**

The clinical shifts throughout the course continuum are carefully designed to meet JRCERT requirements of providing an equitable and educationally valid clinical experience for all students. Students are expected to work their posted clinical shift.

After three (3) absences (fall, spring) and after two (2) absences (summer) one (1) demerit will be taken from the clinic grade for each absence. (Consecutive days are considered one absence). After three (3) consecutive absences which are due to illness, student must have a doctor's release to return to clinic.

The late policy state that after two (2) tardies in a semester, two (2) demerits will be taken from the clinic grade for each offense. Leaving clinic without permission will result in (1) one demerit for each occurrence.

Excessive tardies and/or absences will impact the student's clinical grade. In the event of a failing grade, the student will be dismissed from the program.

If extenuating circumstances are present, the program director may approve scheduled time off. E.g. bereavement leave, medical emergency, physician recommendation

**All time must be made up.**

## **CLINICAL SHIFT SWITCHING**

Students are allowed a limited opportunity to switch clinical shifts. Both students will email a request to switch a shift to the clinical coordinator for approval. Students will be allowed (1) one switch opportunity in the summer semesters and up to (2) two switch opportunities in the fall and spring semesters.

## **WRITTEN ASSIGNMENTS**

Written assignments include: examination logs and room objectives. This list may not be inclusive, refer to each clinical course first day hand out for specific details. Demerits may be applied for each element not meeting the minimum requirement for the midterm and final grade. Additional demerits can be deducted at the clinical coordinator's discretion. If no exams are logged and/or no room objectives completed, the student will receive zero (0) points for appropriate section.

## **COMPETENCY EVALUATIONS**

The following grading scale is in effect for the competency evaluations:

Failure of 0 – 3 exams will result in 0 demerits

Failure of 4 – 5 exams will result in 1 demerit each

Over 5 failed exams will result in 2 demerits per exam

Failure of any recheck will result in 1 demerit per failure

1. Failure to complete mandatory competencies by the designated time will result in five (5) points being taken from the clinical grade for each section .
2. Failure to complete required electives or rechecks will result in one (1) point taken from the clinical grade for each incomplete exam.
3. Students who do not meet competency or recheck requirements by the due date at the end of the semester must complete those requirements in order to continue to the next semester.
4. Students who have completed their competencies before the end of the semester will be able to get additional competencies without penalty of failure.
5. Circumstances may arise where clinical performance is lacking or the student is not meeting program standards. Clinical instructors or the clinical coordinator may recommend that the student receive additional clinical practice during college breaks to ensure his or her progress in the program.
6. Excessive failure could result in either clinical probation or suspension. All required work must be completed prior to the start of the next semester.



## First Year Clinical Evaluation

Student: \_\_\_\_\_ Clinic Site: \_\_\_\_\_ Week #: \_\_\_\_\_

	Superior	Above Average	Average	Below Average
Professionalism/ Ethics				
Cooperation and Attitude				
Communication				
Initiative				
Patient Care				
Self-confidence				
Quality of Work				
Use of Equipment/Rooms and Technique				
Positioning Skills				
Ability to Follow Instructions				

**Did well on:**

**Needs to work on:**

SAMPLE

Technologist: \_\_\_\_\_ Date: \_\_\_\_\_

Student: \_\_\_\_\_ Date: \_\_\_\_\_



## Second Year Clinical Evaluation

Student: \_\_\_\_\_ Clinic Site: \_\_\_\_\_ Week #: \_\_\_\_\_

	<b>Superior</b> <i>(perfect - no mistakes)</i>	<b>Above Average</b>	<b>Average</b>	<b>Below Average</b>	<b>Not Acceptable</b>
<b>Professionalism/ Ethics</b>					
<b>Cooperation and Attitude</b>					
<b>Communication</b>					
<b>Initiative</b>					
<b>Patient Care</b>					
<b>Self-confidence</b>					
<b>Quality of Work</b>					
<b>Organization of Work</b>					
<b>Radiation Protection</b>					
<b>Use of Equipment/Rooms and Technique</b>					
<b>Positioning Skills</b>					
<b>Ability to Follow Instructions</b>					

**Did well on:**

**Needs to work on:**

SAMPLE

Technologist: \_\_\_\_\_ Date: \_\_\_\_\_

Student: \_\_\_\_\_ Date: \_\_\_\_\_

**Arizona Western College  
Radiologic Technology  
Mid-Term Clinic Grading Sheet**

Student \_\_\_\_\_

Date \_\_\_\_\_

Semester \_\_\_\_\_

Grade \_\_\_\_\_

**ACHIEVEMENT OF COURSE OBJECTIVES**

**SCORE**

**1. Evaluations (10 pts)**

a. Staff Evaluations:

Number: \_\_\_\_\_ Average: \_\_\_\_\_

b. Instructor Evaluation: \_\_\_\_\_

\_\_\_\_\_

**2. Written Objectives (10 pts)**

a. Examination log: \_\_\_\_\_

b. Rotation Objectives: \_\_\_\_\_

\_\_\_\_\_

**3. Attendance (5 pts)**

Absent: \_\_\_\_\_

Tardy: \_\_\_\_\_

\_\_\_\_\_

**4. Professionalism (10 pts)**

a. Ethics: \_\_\_\_\_

b. Dress code: \_\_\_\_\_

\_\_\_\_\_

**5. Competency Objectives (15 pts)**

a. Mandatory comps: \_\_\_\_\_

b. Elective comps: \_\_\_\_\_

c. Rechecks: \_\_\_\_\_

\_\_\_\_\_

**TOTAL:** \_\_\_\_\_

**STRONG POINTS:**

Grading Scale	
50 – 46	A
45 – 41	B
40 – 36	C
35 – 0	F

**IMPROVEMENT NEEDED:**

SAMPLE

DEMERITS: \_\_\_\_\_

MERITS: \_\_\_\_\_

HOURS: \_\_\_\_\_

Student Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Instructor Signature: \_\_\_\_\_

Date: \_\_\_\_\_



**Arizona Western College  
Radiologic Technology  
Final Clinic Grading Sheet**

Student \_\_\_\_\_

Date \_\_\_\_\_

Semester \_\_\_\_\_

Grade \_\_\_\_\_

**ACHIEVEMENT OF COURSE OBJECTIVES**

**SCORE**

**1. Evaluations (10 pts)**

- a. Mid-term score: \_\_\_\_\_
- b. Staff Evaluations:  
Number: \_\_\_\_\_ Average: \_\_\_\_\_
- c. Instructor Evaluation: \_\_\_\_\_

\_\_\_\_\_

**2. Written Objectives (10 pts)**

- a. Examination log: \_\_\_\_\_
- b. Rotation Objectives: \_\_\_\_\_

\_\_\_\_\_

**3. Attendance (5 pts)**

- Absent: \_\_\_\_\_
- Tardy: \_\_\_\_\_

\_\_\_\_\_

**4. Professionalism (10 pts)**

- a. Ethics: \_\_\_\_\_
- b. Dress code: \_\_\_\_\_

\_\_\_\_\_

**5. Competency Objectives (15 pts)**

- a. Mandatory comps: \_\_\_\_\_
- b. Elective comps: \_\_\_\_\_
- c. Rechecks: \_\_\_\_\_

\_\_\_\_\_

**TOTAL:** \_\_\_\_\_

**STRONG POINTS:**

Grading Scale	
50 – 46	A
45 – 41	B
40 – 36	C
35 – 0	F

**IMPROVEMENT NEEDED:**

**SAMPLE**

DEMERITS: \_\_\_\_\_

MERITS: \_\_\_\_\_

HOURS: \_\_\_\_\_

Student Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Instructor Signature: \_\_\_\_\_

Date: \_\_\_\_\_

**Arizona Western College  
Radiologic Technology  
Performance Evaluation**

**Purpose:** To take an inventory to pin point weaknesses and strengths, and to outline and agree upon a practical improvement program.

**Grading System:** There are five categories under each heading, beginning with the number five and ending with number one. They are graded as follows:

<b>Point Scale:</b>	60 – 57 = 10	Excellent
	56 – 53 = 9	Above Average
	52 – 49 = 8	Average
	48 – 45 = 7	Average
	44 – 41 = 6	Satisfactory
	40 – 37 = 5	Satisfactory
	36 – 33 = 4	Below Average
	32 – 29 = 2	Unsatisfactory
	28 & below = 0	Unsatisfactory

**1. Attendance:** The faithfulness of coming to work daily and conforming to clinic requirements (scheduled vacation excluded). Reporting to clinic assignments on time.

- 5. \_\_\_\_\_ No days missed; no tardies. Consistently prompt and reliable; volunteers for overtime when needed.
- 4. \_\_\_\_\_ Very prompt; reliable in attendance. (Normal time 1 or 2 days missed; 1 or 2 tardies). Is absent only when necessary.
- 3. \_\_\_\_\_ Usually present one time (2 or 3 days missed; 2 or 3 tardies).
- 1. \_\_\_\_\_ Frequently late or absent (more than 3 or 4 days missed or 3 tardies).
- 0. \_\_\_\_\_ Consistently absent or late with/without excuse (more than 4 day missed or 4 tardies).

Comments:

**2. Personal Appearance:** Consider cleanliness, grooming, neatness and shoes.

- 5. \_\_\_\_\_ Consistently presents a professional image, always well-groomed and careful about appearance.
- 4. \_\_\_\_\_ Meets published dress code completely and consistently.
- 3. \_\_\_\_\_ Meets basic uniform, but lacks items such as name or student badge, markers, etc.
- 1. \_\_\_\_\_ Meets basic uniform, but lack aesthetics (wrinkled, stained, unwashed hair, hands etc.).
- 0. \_\_\_\_\_ Personal appearance unsatisfactory, does not meet published dress code.

Comments:

**3. Cooperation and Attitude:** The ability to work with others, share the workload and accept instruction or constructive criticism.

- 5. \_\_\_\_\_ Excellent attitude and spirit of cooperation. Has potential to be a leader.
- 4. \_\_\_\_\_ Highly enthusiastic and cooperative, works well with others, positive attitude.
- 3. \_\_\_\_\_ Satisfactory, does what is expected.
- 1. \_\_\_\_\_ Sometimes accepts direction in a manner showing displeasure, does not apply suggestions for improvement.
- 0. \_\_\_\_\_ Inclined to be argumentative, indifferent to comments, has difficulty working with others.

Comments:

**4. Professionalism and Ethics:** Consider integrity, loyalty, impression the student makes on others and professional judgment.

- 5. \_\_\_\_\_ Conducts self in an ethical manner at all times, inspiring to others and impressive in professional performance.
- 4. \_\_\_\_\_ Above average impression, uses good judgment in stressful situations.
- 3. \_\_\_\_\_ Average impression adheres to professional standards in an acceptable manner.
- 1. \_\_\_\_\_ Sometimes does not follow professional standards when dealing with others.
- 0. \_\_\_\_\_ Negative attitude, rude, arrogant to patients, peers and staff technologists, uses poor professional judgment.

Comments:

**5. Initiative:** Ability to originate action in meeting objectives.

- 5. \_\_\_\_\_ Looks for thing to do, hard worker, self-directed, always productive.
- 4. \_\_\_\_\_ Consistently above average, need minimum supervision, uses time efficiently.
- 3. \_\_\_\_\_ Does assigned work only, need to improve initiative.
- 1. \_\_\_\_\_ Takes some initiative, but occasionally needs to be prodded along.
- 0. \_\_\_\_\_ Avoids work.

Comments:

**6. Productivity:** Output of satisfactory work.

- 5. \_\_\_\_\_ Superior work, always productive, consistently does more than required.
- 4. \_\_\_\_\_ Consistently completes work in an efficient, timely manner.
- 3. \_\_\_\_\_ Completes work in a reasonable amount of time.
- 1. \_\_\_\_\_ Needs constant urging to complete exams at an acceptable rate.
- 0. \_\_\_\_\_ Slow in completing assigned tasks.

Comments:

**7. Quality of Work:** Included positioning progress, room readiness, neatness, knowledge of protocol.

- 5. \_\_\_\_\_ Superior, consistently competent, exceptionally high quality of performance in all phases of practical applications.
- 4. \_\_\_\_\_ Is exact, precise, requires little correction, consistently above average. Recognizes mistakes and can correct them.
- 3. \_\_\_\_\_ Usually accurate, makes only the average number of mistakes.
- 1. \_\_\_\_\_ Careless, makes recurrent errors.
- 0. \_\_\_\_\_ Makes frequent errors, does not retain, disorganized.

Comments:

**8. Concern for patients and Communication Skills:** Consider patient care and communication skills.

- 5. \_\_\_\_\_ Always attentive to patient's conditions and needs routinely uses effective verbal, non-verbal and/or written communication skills.
- 4. \_\_\_\_\_ Usually concerned for patient's welfare, communicates effectively.
- 3. \_\_\_\_\_ Sometimes indifferent to patient's condition and needs and does not always communicate effectively.
- 1. \_\_\_\_\_ Is indifferent to patient's condition and needs, needs improvement in verbal, non-verbal and/or written communication skills.
- 0. \_\_\_\_\_ Unconcerned for patients, actions, may jeopardize patient's welfare.

Comments:

**9. Organization of Work:** Consider ability to perform tasks in an orderly manner.

- 5. \_\_\_\_\_ Able to determine logical work order, always has exam room ready, has excellent time management skills.
- 4. \_\_\_\_\_ Organized most of the time, follow through with small details.
- 3. \_\_\_\_\_ Organized most of the time, but improvement needed in following up on small details, paperwork, patient dismissal, etc.
- 1. \_\_\_\_\_ Rarely organized, needs major improvement.
- 0. \_\_\_\_\_ Unconcerned for patients, actions, may jeopardize patient's welfare.

Comments:

**10. Radiation Protection** Efforts made to protect self and others from unnecessary radiation protection. Consider the ability to perform tasks in an orderly manner.

- 5. \_\_\_\_\_ Always conscious of radiation protection, makes every effort to protect self and others.
- 4. \_\_\_\_\_ Uses protective devices, is conscientious about shielding and collimation.
- 3. \_\_\_\_\_ Uses protective devices, but sometimes forgets image receptor badge, shielding, or proper collimation.
- 1. \_\_\_\_\_ Needs improvement protecting self and others.
- 0. \_\_\_\_\_ Actions could be detrimental to self and others.

Comments:

**11. Ability to follow directions:** Ability to listen well and apply instruction to clinical performance.

- 5. \_\_\_\_\_ Excellent ability to listen, understands, and applies instruction to clinical performance.
- 4. \_\_\_\_\_ Follows directions without errors.
- 3. \_\_\_\_\_ Occasionally makes mistakes in following directions.
- 1. \_\_\_\_\_ Initially follows directions, but does not retain; headstrong.
- 0. \_\_\_\_\_ Does not follow directions.

Comments:

**12. Application of Knowledge:** The ability to apply classroom knowledge to clinical applications.

- 5. \_\_\_\_\_ Always uses knowledge well, uses critical thinking skills to problem solve and changing situations.
- 4. \_\_\_\_\_ Able to apply knowledge, able to solve problems and adjust changes.
- 3. \_\_\_\_\_ Usually able to apply knowledge needs help in thinking things through.
- 1. \_\_\_\_\_ Unable to adjust to changes, major improvement needed in applying critical thinking skills to clinical applications.
- 0. \_\_\_\_\_ Unable to use knowledge in clinical practice, unable to adjust to changes.

Comments:

This is the opinion of the instructors and does not reflect a point value.

Total Performance: Professional opinion of ability and potentiality.

- \_\_\_\_\_ Consistently above average, superior skills in all areas of performance.
- \_\_\_\_\_ Above average, excellent
- \_\_\_\_\_ Average, satisfactory
- \_\_\_\_\_ Below average, below satisfactory
- \_\_\_\_\_ Unsatisfactory, not acceptable

Recommendations:

SAMPLE

Student signature \_\_\_\_\_

Instructor signature \_\_\_\_\_

Date and semester \_\_\_\_\_

## **CLINICAL PROBATION AND SUSPENSION**

**Clinical Probation:** When a student demonstrates a consistent lack of performance in the clinical requirements of the program and is performing below average (grade “C”) the student is placed on clinical probation status for one or more semesters. A student can also be placed on clinical probation, or suspended for a severe infraction of program policy, or the continuation of an unprofessional attitude or behavior, for which the student had received previous counseling.

If a student is placed on clinical probation, the student will have a time frame designed for them to demonstrate that their weakness in clinical performance can be overcome. At the time of assigning the probationary status, the student will be advised of the problem and be offered suggestions and ways to improve. If the student does not show improvement within the given timeframe, the student can be suspended from the program.

Probation and/or suspension will, or can, result in the student being removed from the program for failure to meet or abide by published program requirements and policies. The student will be allowed due process as stated in the Student Code of Conduct.



# **CLINICAL** **RULES/RESPONSIBILITIES**



## **CLINICAL SUPERVISION**

**Discipline:** Clinical Education  
**Position/Title:** Staff Technologist  
**Scope of Practice:** As defined by Community, JRCERT, and ARRT standards

### **Position Summary**

Provides quality clinical instruction to enable students to meet established standards of care in Radiologic Technology. Uses professional judgment and maintains ethical practice in the performance of clinical duties. Teaches and evaluates the appropriate patient care that is essential for successful completion of clinical procedures. Functions under the direction of the clinical coordinator and the director of the Radiologic Technology department; to ensure that graduates will be competent, at the entry level of the field of Radiologic Technology.

### **Qualifications**

1. Maintains certification and/or competency within the discipline for which they have responsibility.
2. Maintains education, experience, and/or credentials to successfully perform the duties of the position.
3. Meets JRCERT and ARRT qualifications.
4. Meets state of Arizona (MRTBE) licensing requirement.

### **Duties and Responsibilities**

1. Assists students in attaining the objectives for each clinical course.
2. Provides direct clinical supervision for students before attainment of competency.
3. Provides indirect supervision for students after attainment of competency.
4. Provides direct supervision for all repeat, mobile, and surgical examinations.
5. Provides direct supervision for all examinations performed on patients with infectious diseases.
6. Evaluate all images at the completion of the exam.
7. Evaluates student's psychomotor, affective behavior, cognitive and communication skills.
8. Assists in scheduling clinical assignments to ensure proper exposure to productive areas of the clinical site.
9. Keep informed of the content of the current Student Guide.
10. Maintains confidentiality of student records and grades in compliance with FERPA regulations.
11. Participates in meetings and serves on assigned committees that further the goals of the program.
12. May participate in student selection by assisting with the interview process for entry into the program.
13. Demonstrates a professional attitude by being a positive role model for students.
14. Encourages students to practice image evaluation and technique manipulation.

## **CLINICAL INSTRUCTOR RESPONSIBILITIES**

<b>Discipline:</b>	Clinical Education
<b>Position/Title:</b>	Clinical Instructor
<b>Scope of Practice:</b>	As defined by Community, JRCERT, and ARRT standards

### **Position Summary**

The clinical instructor is responsible for creating an atmosphere that is supportive of learning at the out-patient clinical sites. Provides quality clinical instruction to enable students to meet established standards of care in Radiologic Technology. Uses professional judgment and maintains ethical practice in the performance of clinical duties. Teaches and evaluates the appropriate patient care that is essential for successful completion of clinical procedures. Functions under the direction of the clinical coordinator and the director of the Radiologic Technology department; to ensure that graduates will be competent, at the entry level of the field of Radiologic Technology.

### **Qualifications**

1. Maintains certification and/or competency within the discipline for which they have responsibility.
2. Maintains education, experience, and/or credentials to successfully perform the duties of the position.
3. Meets JRCERT and ARRT qualifications.
4. Meets state of Arizona (MRTBE) licensing requirement.

### **Duties and Responsibilities**

1. Directly or indirectly supervising the student in the performance of their clinical exams and evaluating them for competency.
2. Directly supervise students during all repeat, mobile, and surgical examinations.
3. Directly supervise students during all examinations performed on patients with infectious diseases.
4. Evaluate all images at the completion of the exam.
5. Document student occurrences. These could be critical incidents or praiseworthy events.
6. Orient new students to the clinical site.
7. Inform the clinical coordinator of schedule changes due to site closure or if the clinical instructor is on leave.
8. The clinical instructor will notify the clinical coordinator if the student is unable to attend clinic at that clinical site. Students must also inform the clinical coordinator of absence.
9. Keep informed of the content of the current Student Handbook.
10. Serve as a role model for the students.
11. Maintain confidentiality of student records and grades in compliance with FERPA regulations.
12. Maintain ongoing communications with the clinical coordinator about changes in the clinical environment.

## **PRT EMPLOYMENT (PRACTICAL RADIOLOGIC TECHNOLOGIST)**

### **Rules:**

The student's first responsibility is to the training program. Outside jobs should not interfere with scheduled clinic or classroom hours. If a student applies for employment as a Limited Technologist, the student should notify the clinical coordinator. An AWC name tag cannot be visible while working for pay. The student cannot comp on exams or rechecks or document patient numbers while working for pay. Students must wear a dosimeter provided by his/her employer that is separate from the dosimeter that is issued upon enrollment in the program.

### **Responsibility**

### **Action**

#### **Student**

1. Adheres to the above rules
2. Notifies clinical coordinator when working for pay.
3. Does not perform competency checks while working for pay.
4. Does not count numbers of patients done while working for pay.
5. Cannot check other student's images.
6. Cannot supervise a radiology student.

#### **Clinical Coordinator**

1. Enforces above rules and issue demerits for infractions.
2. Performance review will be given to a prospective employer with the student's permission.

#### **Program Director**

1. Reviews all rule and makes a determination pertaining to same and to any disciplinary actions taken.

## **CLINICAL AREA REGULATIONS**

### **Rules:**

1. Students are **not** to smoke at the clinic sites.
2. Students may only eat in the department employee lounge or break area.
3. Students are allowed to drink beverages in areas designated by clinic site administration.
4. Students will **not** wear jeans/jeggings/leggings or shorts in the clinical area; dress code will be followed.
5. Students are **not** allowed to be in clinic on their time off, unless they are being seen as a patient.
6. Students are **not** allowed to carry cell phones on them in the clinical area. They must be stored in the appropriate area designated by the site's administration or left at home.

### **Responsibility**

### **Action**

#### **Student**

1. Adheres to above stated rules of no eating or smoking in the clinical area or being out of dress code.
2. May drink beverages only in designated areas (not in the exam rooms or near the computers).
3. Must not take food or beverages in the radiology rooms or around patients.
4. Must not leave liquids around processors or computers.
5. No cell phones in the clinical area.

#### **Clinical Coordinator**

1. Enforces above stated rules by issuing demerits for failure of student to comply.

#### **Program Director**

1. Reviews all rules and makes a determination pertaining to same and to any disciplinary action taken.

## CLINICAL ATTENDANCE

As an allied health professional, one is expected to be dependable in all job assignments. Punctuality is one of the most important assets to a radiographer in the medical field.

Punctuality is strictly enforced to help the graduate better adjust to the work force. Since punctuality is a vital part of dependable performance, records of your tardies are kept to give future employers accurate information.

If the student has excessive tardies from clinical assignments, this could affect the student's chance of gaining valuable knowledge and also affect the clinic grade. The student is allowed two tardies per semester, regardless of the reason. More than two tardies will be considered excessive and demerits will be given. Tardy is defined as being more than 5 minutes late clocking in to the clinical rotation.

### **Rules:**

1. The student must notify a clinical instructor or technologist in charge as soon as possible if he/she expects to be late.
2. If late due to unavoidable circumstances on the way to clinical assignments, the student is to report to an instructor or clinical coordinator immediately upon arrival in the clinic area.
3. All time missed must be made up at the end of the same day or at the discretion of the clinical instructor.
4. The student **must** email the clinical coordinator with notification of any missed time.
5. No student is expected to be tardy more than two times during the term, regardless of reason.
6. More than two tardies in one semester will result in demerits and points will be taken from the clinic grade as follows:

0 – 2 tardies	=	No demerits
3 or 4 tardies	=	2 demerits for each offense
5 or more tardies	=	2 demerits for each offense, and will be considered totally unsatisfactory. In addition to demerits, disciplinary action will be given at the discretion of the instructors.
7. **Any** failure to clock in/out must be documented on Trajecsys with corresponding "Time Exception". The maximum allowed "Time Exceptions" for the failure to clock in/out is 3 per semester. All failure to clock in/out after 3 will result in 1 demerit for each infraction.
8. Clocking in/out with a mobile device should only be used when there are issues with the clinical site's computer. E.g. computer not working, technologist using computer for patient care. The mobile device's geolocation must be turned on and the student should be in the clinic ready to work when clocking in/out. Failure to follow this procedure will result in 1 demerit for each infraction.
9. Leaving clinic early without clinical coordinator permission will result in (1) demerit for each occurrence.
10. Students can clock out up to 5 minutes before the end of their scheduled clinical shift. More than 2 early clock outs will result in (1) demerit for each infraction
11. Students can clock in up to 10 minutes prior to shift start time. This allows the student time to prepare for their scheduled rotation. **The student is expected to be at their scheduled rotation and ready to work by their appointed start time.**

**Responsibility**

**Student**

**Action**

1. Notifies clinical instructor or technologist in charge as soon as possible.
2. Reports to clinical instructor or technologist in charge upon arrival in clinic area.
3. Makes up time at end of day.
4. Sends email notification of time missed to the clinical coordinator.
5. Clock in/out on Trajecsys.

**Clinical Coordinator**

1. Documents all time infractions
2. Give demerits as needed.
3. Keeps student informed.
4. Counsels student when necessary and documents the counseling session.
5. Keeps director informed of potential problems.

**Program Director**

1. Reviews all records.
2. Advises instructors.
3. Counsels student when necessary.
4. Makes determinations concerning disciplinary action.

**CLINICAL ABSENCES**

After three absences (fall, spring) and after two absences (summer) one demerit will be applied to the clinical grade for each absence. (Consecutive days are considered one absence). After three consecutive absences which are due to illness, student must have a doctor's release to return to clinic.

**Responsibility**

**Student**

**Action**

1. If absent, call the clinical site and email clinical coordinator at least one (1) hour before scheduled time.
2. Make up all time missed to keep up with clinical competencies.
3. If seriously ill, keep clinical instructor and clinical coordinator informed of progress.
4. Notify clinical instructor and clinical coordinator if taking medication that will alter total performance.
5. Schedules by email to clinical coordinator all personal leave at least one week in advance.

**Clinical Coordinator**

1. Documents all absences.
2. Keeps students informed of demerits.
3. Counsels and advises students.
4. Reviews missed assignments.
5. Grades students to reflect demerit documentation.
6. Assigns students to non-critical areas if necessary.
7. Schedules personal leave.
8. Keeps program director informed of student status.
9. Instructs students concerning protocol and procedures.

**Program Director**

1. Reviews all records.
2. Advises instructors.
3. Counsels and advises students when necessary.
4. Makes final decisions concerning extended or prolonged absences.

### **CLINICAL COMPENSATORY TIME**

Periodically there will be time when the department is extremely busy with emergency patients or has a tremendous overload of patients. As an allied health professional, you are expected to assist the Radiologic Technology department staff to finish the case you are involved in even if it is time for you to leave your clinical assignment. Students will be granted compensatory time for documented overtime in excess of 30 minutes or when the overtime extends the shift beyond 10 hours.

### **CLINICAL SCHEDULES**

1. Schedule changes are not to be made without permission from clinical coordinator and clinical instructor (or technologist in charge).
2. Do not write on schedule.
3. No double shifts are allowed.
4. Scheduled time off needs to be requested at least one week in advance. The clinical coordinator has the right to deny any time off request.
5. Class and clinical time will not exceed 40 hours per week or 10 hours per day.
6. Switching of shifts must be approved by the clinical coordinator.

## CLINICAL COORDINATOR'S ABSENCE FROM STUDENTS' AFFILIATE CLINICAL ROTATIONS

### **Statement:**

Occasionally it will become necessary for the clinical coordinator to be out of the departments due to in-service or meetings, educational seminars, student conferences, etc. When this occurs, the clinical supervisor is informed in advance and accepts responsibility for the student's education.

The clinical supervisor will make all schedule changes and will assume the responsibility for educational experiences. The clinical coordinator of the program will be notified of such changes.

### **Responsibility**

### **Action**

#### **Student**

1. Reports directly to lead technologist or designee in clinical coordinator's absence.
2. Follows all AWC policies as stated in the student manual.
3. Responds to lead or designee's request as directed.
4. Notifies lead or designee if it becomes necessary to leave assigned areas.

#### **Clinical Coordinator**

1. Advises clinical instructor/supervisor in advance of non-routine activities.
2. Advises students of non-routine activities when necessary.
3. Communicates with clinical instructor upon returning to the affiliate.

#### **Clinical Instructor & Lead Tech**

1. Accepts responsibility of student's clinical education.
2. Informs instructors of schedule changes and reasons for changes.
3. Assists or appoints someone to assist the students in areas where the instructors are normally involved (direct supervision).
4. Assigns student to lunch or supper schedule.
5. Checks in students on the daily schedule.

#### **Program Director**

1. Reviews and approves all activities

## **TELEPHONE REGULATIONS**

### **Rules:**

Students must honor patient confidentiality at ALL times. Any student revealing confidential information in any format (verbal, written, or electronic) will be subject to disciplinary action, including suspension and/or dismissal from the program. For this reason, cell phones or other personal electronic devices may not be carried into the clinical areas. **No audible beepers, pagers or cell phones are allowed in the clinical area.**

The student is prohibited making long distance calls on the hospital or affiliate site phone systems and must keep incoming and outgoing personal calls to a minimum. The telephones located in the radiology department are to be used for professional and business use. A phone for personal calls is located in the department lounge. In courtesy to others, keep your calls brief and to a minimum. Due to the number of incoming calls to the x-ray department, your incoming calls may not be transferred but a message may be taken by the front desk personnel.

### **Responsibility**

#### **Student**

### **Action**

1. Adheres to above rule to not make long distance calls.
2. Checks periodically with the front desk for messages.
3. Makes emergency phone calls only when assigned area or room has no patients.
4. Will not carry a beeper, pager, or cell phone in the clinical area.

#### **Clinical Coordinator**

1. Enforces above stated rules and issues demerits for repeated infractions.

#### **Program Director**

1. Reviews all rules and makes determinations pertaining to same and to any disciplinary action.

## **LOST AND FOUND**

If a student finds any article in the Radiologic Technology department, the item is to be immediately given to the supervisory technologist. The finder should give a brief summary as to where the item was found. The supervisory technologist will then report this to security and turn the found item over to security.

If a student finds an article on hospital property, it should be returned to security and reported to an instructor.



## **STUDENT MALPRACTICE LIABILITY INSURANCE – LIABILITY INSURANCE**

All radiology students are required to have liability insurance. This insurance is provided through AWC.

### **Questions and answers on how this policy works:**

**Q: What does this policy provide?**

**A:** Bodily injury cause to a 3<sup>rd</sup> party that we are determined to be liable for.

**Q: What if a claim is presented years after the medical incident occurred?**

**A:** Policy is based on occurrence. Any incidents need to be reported & documented. There is a time limit when a claim can be filed.

**Q: Are students covered if they are doing part time work?**

**A:** No, only if it is within the scope of a clinical course as an AWC Student.

**Q: Who is covered?**

**A:** Employees and students of AWC while acting within the score of authorization for the program.

**Q: Many clinical training facilities require evidence of malpractice coverage before students are admitted to the facility. How is this handled?**

**A:** We issue evidence of coverage for student malpractice for the specific program.

**Q: What are the limits of liability?**

**A:** We issue coverage for \$1,000,000.

**Q: Who pays the premium?**

**A:** Students are covered by Arizona Western College's Institutional Insurance Policy.

**Q: What is the name of the policy's company?**

**A:** Arizona School Retention Trust Inc.

## **INCIDENT REPORT AND CLINICAL INJURY INSURANCE**

1. Accident school coverage is only provided by AWC for the student while attending class or clinical practice.
2. When a patient related incident occurs, notify the clinical instructor (or technologist in charge in the absence of the clinical instructor) as soon as possible and follow the facilities' policy for documentation of incidents.
3. An incident report is written documentation of the facts concerning injury to patient or student.
4. Fill out an incident report as soon as possible (i.e. within 24 hours); no matter how trivial the incident may appear to be at the time.
5. In addition to the incident form, submit a summary of the incident to be kept in the student's AWC file.
6. Personal injuries and illness requiring medical treatment becomes the financial responsibility of the student until insurance is filed.
7. If the student is injured during clinical rotations, the supervisor/clinical coordinator will refer the student to the emergency room for treatment. Insurance forms can be obtained from the Career and Technical Education Division office, located in the CTE building, AWC main campus.

### **Responsibility**

### **Action**

#### **Student**

1. Notifies supervisor or clinical coordinator as soon as possible after the incident (within 24 hours).
2. If incident involves a patient, notifies department supervisor at once.
3. Goes to the emergency room or to a private physician if there is an injury.
4. Obtains incident form from the shift supervisor or clinical coordinator.
5. Obtains insurance form from the Career and Technical Education Division office.
6. Gives fully completed incident form to supervisor/clinical coordinator.
7. Arranges payment for injury.
8. Maintains other health insurance coverage because the AWC insurance coverage is secondary to any other health insurance policy that the student has.

#### **Clinical Coordinator**

1. Assists the student in filling out forms.
2. Files a summary of the incident report in the student's folder.
3. Sends incident report form to the program director.
4. Advises the student to seek medical attention if required.

#### **Clinical Instructor**

1. Accepts responsibility for student in absence of the clinical coordinator.
2. Assists students in filling out forms.

#### **Program Director**

1. Reviews all documentation and submits to the Risk Management office.

INCIDENT REPORT

Student's full name: \_\_\_\_\_ Age: \_\_\_\_\_ Sex M ( ) F ( )

SSN \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ Date of Birth \_\_\_\_\_ Student # \_\_\_\_\_ Marital Status M ( ) S ( ) D ( ) W ( )

Home Address \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Home/Cell Phone \_\_\_\_\_ Work Ext. \_\_\_\_\_ Room# \_\_\_\_\_

Department \_\_\_\_\_ Enrollment Yr. \_\_\_\_\_ Date of Injury \_\_\_\_ / \_\_\_\_ / \_\_\_\_

At \_\_\_\_ AM/PM Witness(es) \_\_\_\_\_

Reported to Clinical Coordinator \_\_\_\_ / \_\_\_\_ / \_\_\_\_

Describe in factual terms (no opinion) exactly what happened (Be specific) \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

If applicable: Patient Name, and MRN \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

Student Signature \_\_\_\_\_ Supervisor's Signature \_\_\_\_\_

Medical Treatment: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

Physician \_\_\_\_\_

Follow-up treatment ordered \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

What process or change could have prevented this event? \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

What changes have been implemented to correct the process? \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

Outcome: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

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

Clinical Coordinator \_\_\_\_\_ Date \_\_\_\_\_

Program Director \_\_\_\_\_ Date \_\_\_\_\_

Cc: Student file, Arizona Western College Nurse, Risk Management

## **REPEAT EXAM REGULATIONS**

Students shall not repeat radiographs unless in the presence of a qualified radiographer regardless of their level of competency. **DIRECT SUPERVISION IS REQUIRED**

To monitor the repeat image policy the student must complete the repeat image form for all images repeated. The supervising technologist signature is required. The form will be reviewed by the clinical coordinator on a regular basis.

### **Responsibilities**

### **Action**

#### **Student**

1. Follows the Radiology department protocol when doing exams.
2. Follows AWC protocols at all times.
3. Performs repeats under direct supervision at all times.
4. Allows staff technologists to assist with all repeats.
5. Documents repeat in the repeat image form.

#### **Clinical Coordinator**

1. Keeps current list of student's competencies.
2. Reviews progress of students with staff.
3. Assigns students to areas on a rotational basis where staff technologists are available.
4. Instructs students concerning regulations about repeats.
5. Works with chief radiographer and staff in implementing the "Standards" and guidelines set by the JRCERT.
6. Reviews student repeat image form on a regular basis.

#### **Chief Radiographer**

1. Advises staff technologists to supervise repeat exams.
2. Advises staff technologists to assist with all repeats.

#### **Program Director**

1. Reviews and approves all activities.

## STUDENT CLINICAL FILES

All student clinical objectives, evaluations, competencies, and attendance records are documented and stored digitally using the online Trajecsys reporting system. Semester grade sheets, merit/demerit lists, conference forms, and hard copies of miscellaneous paperwork are kept in a student folder in the clinical coordinator's office.

### **Rules:**

1. All folders of documentation are the property of AWC.
2. The folder for grades and written objectives must not be removed from the clinical coordinator's office without permission from the clinical coordinator.
3. Students may ask to see folders during office hours or when necessary.

### Responsibilities

#### **Student**

### Action

1. Files accurate records.
2. Files clinical documentation on time.
3. Keeps files neat.
4. Leaves folders in proper places at all times.

#### **Clinical Coordinator**

1. Reviews documentation frequently.
2. Keeps folder containing grades and evaluations in a secure, locked location.
3. Reports to program director any student who is having difficulty following clinical regulations.
4. Documents demerits for failure to meet requirements.
5. Reviews student images.

#### **Program Director**

1. Reviews all records and makes the final determination.

## RESOLUTION OF CLINICAL CONCERNS

### **Rules:**

Students who have concerns about staff technologist communication styles, exam performance, patient care issues or any other related concerns about clinical staff should discuss the concern with the program's clinical coordinator, who will then communicate with hospital personnel. Students **should not** refer complaints to hospital management.

### Responsibilities

#### **Student**

### Action

1. Discuss concern with AWC clinical coordinator.

#### **Clinical Coordinator**

1. Confers with clinical staff and seeks a resolution to the problem.
2. Meets with management to resolve recurrent issues.
3. Informs the program director about clinical concerns.
4. Communicates with students at the end of the process.

#### **Program Director**

1. Confers with the clinical coordinator to seek a resolution of problems.
2. Meets with management to resolve recurrent issues.
3. Reviews all issues and makes a determination pertaining to same and to any disciplinary action for students who fail to adhere to these guidelines.

## **PATIENT CARE AND SAFETY**

Students **must** implement the patient care instructions which are emphasized in the program during RAD 100 and RAD 110. Adhering to hospital and College policies, while applying current patient care theories to safe clinical practice, is a strategy that is necessary for excellent patient care skills.

### **Responsibilities**

#### **Student**

### **Action**

1. Follow all guidelines for safe practice with patients.
2. Adhere to the JRCERT requirements for direct/indirect supervision.
3. Report all patient care incidents to the clinical coordinator, including near misses.
4. Complete an incident report within 24-hours of the occurrence.

#### **Clinical Coordinator**

1. Document incidents.
2. Confer with hospital management.
3. Inform the program director.
4. Counsel student; assign remedial rotations with 1:1 supervision.
5. Assign demerits as needed.
6. Recommend student for dismissal from Program.

#### **Hospital Management**

1. Recommend removal from the clinical site if the student's unsafe practice is deemed to be dangerous to patients.

#### **Program Director**

1. Review student's clinical file with the VP of Career and Technical Education.
2. Dismisses the student from the program.

Repeat involvements in critical patient care incidents or an extreme negligent act, will be considered to be unsafe patient care practice and will be grounds for dismissal.

A student who performs in an unsafe manner in the clinical area and is not allowed to practice at our main affiliate site, Yuma Regional Medical Center (YRMC), will not be able to complete the program because the majority of clinical practice is done at YRMC.

Students who are dismissed for unsafe practice in the clinical area will not be eligible for readmission.

# **ACADEMIC COURSE** **POLICIES**

**Radiologic Technology A.A.S  
Program Sequence of Courses**

Students may register for these courses **after** they have been admitted into the Radiologic Technology program.

**Registration for RAD courses requires the Director's approval.**

<b>Year 1 – SUMMER</b>		
<b>Course Name</b>	<b>Course Title</b>	<b>Credit</b>
RAD 100*	Introduction to Radiography & Patient Care (12 hrs)	2.0
<i>Course must be completed before moving on to the next semester</i>		<b>Total credits</b>
		<b>2.0</b>

<b>Year 1 – FALL</b>		
<b>Course Name</b>	<b>Course Title</b>	<b>Credit</b>
RAD 105	Basic Radiographic Procedures	3.0
RAD 110	Patient Care in Imaging Technology	3.0
RAD 115	Principles of Radiographic Imaging I	3.0
RAD 120*	Clinical 1 Medical Radiologic Technology (18 hrs)	3.0
<i>Courses must be completed before moving on to the next semester</i>		<b>Total credits</b>
		<b>12.0</b>

<b>Year 1 – SPRING</b>		
<b>Course Name</b>	<b>Course Title</b>	<b>Credit</b>
RAD 106	Intermediate Radiographic Procedures	3.0
RAD 111	Radiographic Anatomy & Physiology	3.0
RAD 121*	Clinical 2 Medical Radiologic Technology (24 hrs)	4.0
RAD 215	Principles of Radiographic Imaging 2	3.0
<i>Courses must be completed before moving on to the next semester</i>		<b>Total credits</b>
		<b>13.0</b>

<b>Year 2 – SUMMER</b>		
<b>Course Name</b>	<b>Course Title</b>	<b>Credit</b>
RAD 122*	Clinical 3 Medical Radiologic Technology (24 hrs)	4.0
<i>Course must be completed before moving on to the next semester</i>		<b>Total credits</b>
		<b>4.0</b>

<b>Year 2 – FALL</b>		
<b>Course Name</b>	<b>Course Title</b>	<b>Credit</b>
RAD 200	Radiographic Imaging Equipment	3.0
RAD 205	Advanced Radiologic Procedures	3.0
RAD 216**	Radiologic Pathology	3.0
RAD 220*	Clinical 4 Medical Radiologic Technology (30 hrs)	5.0
<i>Courses must be completed before moving on to the next semester</i>		<b>Total credits</b>
		<b>14.0</b>

<b>Year 2 – SPRING</b>		
<b>Course Name</b>	<b>Course Title</b>	<b>Credit</b>
RAD 207**	Radiation Biology and Protection	3.0
RAD 217	Advanced Medical Imaging	2.0
RAD 221*	Clinical 5 Medical Radiologic Technology (30 hrs)	5.0
RAD 225***	Radiologic Technology Seminar	2.0
<i>All courses must be completed prior to sitting for the ARRT Exam</i>		<b>Total credits</b>
		<b>12.0</b>

*\*Each clinic course has a \$1,000 fee.*

*\*\*If offered online, there will be an online course fee. \*\*\*There will be a \$55 software fee for this course.*



## ACADEMIC CLASS RULES

**Rules:** Any Radiologic Technology course grade less than “C” will result in student exit from the program.

### Responsibilities

#### **Student**

### Action

1. Maintains Radiologic Technology course grades of “C” or better.
2. Must attend scheduled RAD classes.

#### **Faculty**

1. Advises student at midterm conferences that a grade of “C” is unsatisfactory.
2. Assigns the student to mandatory tutoring, computer lab practice, or other activities designed for student retention.
3. Enforces above stated rules.
4. May recommend to program director that student be placed on academic probation when grade is a “C”.
5. Informs program director at midterm of students with a “C” average.

#### **Program Director**

1. Reviews all rules and makes determinations pertaining to disciplinary action.

## ACADEMIC GRADING SCALE

A	=	92 – 100%
B	=	83 – 91%
C	=	75 – 82%
F	=	<75

## ACADEMIC PROBATION

### **Rules:**

1. A student will be placed on academic probation when a grade point average falls below 2.50.
2. A student will be placed on academic probation when they earn a “C” (below average) in any Radiologic Technology course.
3. The student is encouraged to talk with an advisor or be referred to a counselor if they are experiencing problems.

### Responsibilities

#### **Student**

### Action

1. Maintains a 2.50 or better grade point average.
2. Encouraged to talk with advisor or be referred to a counselor if experiencing problems.

#### **Faculty**

1. Encourages student with a grade point ratio problem to see an advisor or be referred to a counselor.

#### **Program Director**

1. Encourages student with a grade point ratio problem to see an advisor or be referred to a counselor.
2. Enforces rules as stated.
3. Places student on probation if student makes a “C” in any Radiologic Technology course.

## **ACADEMIC SUSPENSION**

### **Rules:**

1. If a student fails (below a “C”) any Radiologic Technology course.
2. If after being placed on academic probation the student does not maintain a grade point average above 2.00 or if the student fails the courses attempted, the student will be exited from attending all Radiologic Technology curriculum courses.

### **Responsibilities**

#### **Student**

### **Action**

1. Will exit the program if grade point average remains below 2.00.
2. Will exit the program if a grade of below “C” is received in a Radiology course.
3. Student may petition for readmission to the Radiologic Technology program when the course is offered again in the curriculum.
4. Student has the right to appeal any probationary or suspension status. For the grievance procedure, refer to the Arizona Western College student handbook

## **ACADEMIC/CLINICAL REPEAT COURSEWORK**

Students must attain a grade of “C” or above in all Radiologic Technology coursework to successfully complete the program. Students may not repeat Math, Science, and related courses more than once when completing prerequisite coursework. Students are not permitted to repeat more than two different required general education courses. Only one Radiologic Technology course can be repeated.

**NOTE:** Radiologic Technology courses are offered at specific times in the curriculum. Students will not be able to repeat a Radiologic Technology course until the semester in which it is offered.

## **PROHIBITED BEHAVIOR**

The grounds for dismissal are listed below. It should be pointed out that a student can be suspended and/or dismissed from the program at any time during their training for violations. Infractions listed below constitute grounds for disciplinary action up to and including dismissal. Due process will be allowed. The student will not be allowed to attend clinic or classes during the appeal process.

1. Insubordination.
2. The use, conviction and distribution of, or possession of illegal drugs or controlled substances.
3. Alcohol, illegal drug and/or controlled substance dependency.
4. Falsification of clinical documents.
5. Unprofessional or unethical conducts as defined by the American Registry of Radiologic Technologists' (ARRT) code and rules of conduct.
6. Cheating in academic courses.
7. Plagiarism (the act of stealing or passing off ideas or words of another as one's own. Use of a created product without crediting the source; to commit literary theft)
8. Violations such as theft or unprofessional behavior at a clinical site that caused you to be barred from returning to that site.
9. Taking supplies from the college or clinical site without permission.

If you are dismissed from the program for cheating in academic or clinical courses; inappropriate and unethical behavior with patients, staff, or instructors; use, distribution or possession of illegal drugs or controlled substances; fraud with intent to deceive or theft; you will not be eligible for re-entry into the program.

## **TESTING**

### **Rules:**

1. All tests must be made up within three days after the original test was given or as determined by the instructor.
2. Failure to make up a test within the given time will result in a zero.
3. The student is responsible for scheduling the make-up test time with the instructor.
4. The student must not discuss the contents of the test with others.
5. The student will come to the next scheduled class prepared to take a make-up test if the instructor so expresses.
6. No cell phones may be used during testing. Cell phones cannot be on the desktop.
7. Final exam dates cannot be changed.
8. Students are not allowed to leave the testing area, except for an emergency situation and with the instructor's approval.

## **ABSENCE FROM ACADEMIC CLASSES**

**All students are expected to attend every session of a class in which they are enrolled.**

### **Rules:**

1. Radiologic Technology students will be allowed three absences per semester in academic courses unless otherwise stated in the course first day handout. Students are allowed two absences during the summer semester.
2. The 4<sup>th</sup> absence, 3<sup>rd</sup> absence in the summer, may result in dismissal from the course (dismissal from Radiologic Technology courses results in dismissal from the program).
3. Students who are over fifteen minutes late for class will be counted as absent for that class.

### **Responsibilities**

### **Action**

#### **Student**

1. Does not exceed absences as specified in course outline.
2. In extenuating circumstances are present, student must get approval of faculty.
3. Is expected to attend every session of the course.
4. Will not leave a session early unless pre-approved by course instructor.

#### **Associate Faculty**

1. Advises student after 3<sup>rd</sup> absence
2. Informs program director.

#### **Program Director**

1. Reviews rules and makes decisions pertaining to same and disciplinary action taken.

## **CLASSROOM ETIQUETTE**

### **Rules:**

1. No smoking in classroom or labs. The college and hospital are smoke free areas.
2. No eating in computer classrooms or labs.
3. Students may bring drinks to class and lab ONLY if the container has a lid.
4. No beepers, or pagers are allowed. Cell phones are allowed in classrooms but must be turned off or in vibration mode. See course first day handouts for more information.

## **EVENING CLASSES**

The Radiologic Technology program wants to provide the best quality of academic coursework for students, in order to have the flexibility to do so, we offer some hours of didactic course work during the evening hours.



# **ADMINISTRATIVE** **POLICIES**

## **DRESS REGULATIONS**

A professional image must be presented at all times. Students must follow these guidelines as well as any and all guidelines set by clinical sites. The following regulations apply whenever a student is in uniform:

### **GENERAL APPEARANCE**

1. White scrub tops and medium grey scrub pants.
  - a. Scrub pants should be medium grey and color could be called seagull grey, steel, grey stone, nickel, etc. depending on the vendor. **No black** pants are allowed.

**Example:**



Seagull Grey

- b. Students should refrain from wearing high fashion uniforms or cropped pants.
  - c. The length of the pants should be hemmed so the pant leg does not touch the floor.
  - d. All uniforms clean and pressed at all times.
2. Grey jeans are not acceptable.
3. An AWC patch **must** be stitched to the left arm sleeve 2-inches below the shoulder seam, these patches can be bought at the Campus Bookstore.
4. White leather athletic shoes with closed toes (e.g. Nike Air, Reebok Air), or all-white nursing shoes with solid white socks.
  - a. No mesh inserts on athletic shoes.
  - b. No Crocs
  - c. Shoes must be clean at all times.
  - d. Socks that expose the ankles are not acceptable.
5. In the cooler months, a white lab coat may be worn over the uniform with an AWC patch visible on the lab coat.
6. Hands must be kept clean and should be washed before and after each patient.
7. Visible tattoos or body piercings are not allowed in clinic.
8. Breath should be free of any offensive odors.
9. For patients' well-being, NO cologne or perfume (including scented lotions) may be used while in clinic.
10. Students are allowed to wear solid white, long sleeved tops under their scrub uniforms. This excludes OR scrubs.
11. The student will wear an identification badge at all times while in the clinical setting.
12. Dosimeters must be worn in the clinical area and AWC clinical lab at all times.

## MALES

1. Hair is to be kept clean.
  - a. **NO** Mohawks or Fauxhawks
  - b. Hair that falls below shoulder level must be secured at the nape of the neck so that it does not fall into the face.
  - c. Hairstyle must meet the approval of the instructors and clinical sites.
2. A wedding ring or class ring may be worn while in uniform.
3. A short lightweight gold or silver chain may be worn on the inside of the shirt.
4. Beards and mustaches are permitted; however, they must be kept short, well-trimmed and clean.
  - a. Beards must not be longer than the mentum of the mandible.

## FEMALES

1. Only nail polish that is clear and neutral in color may be worn.
  - a. Nails should be short and well groomed.
  - b. Artificial or acrylic nails **must not** be worn.
2. Jewelry will consist of one watch (not loose fitted) and only one ring per hand.
  - a. No bracelets
  - b. Only ONE conservative gold or silver chain may be worn on the neck **inside** the uniform collar.
  - c. Beads are not allowed.
  - d. All jewelry is subject to instructor's approval.
3. Only small conservative stud earrings may be worn for pierced ears (no hoops).
  - a. No loud colors are allowed, and only one earring may be worn in each ear.
  - b. Only a matched pair of earrings may be worn.
4. Hair must be of a natural color. No loud colors are allowed. Example: blue or green
  - a. **Long Hair and Medium Length hair**
    - i. Must be worn in a style that prevents the hair from falling forward when leaning over a patient.
    - ii. Must be styled in a conservative fashion where it does not fall into the face
    - iii. Barrettes, banana clips, or combs of a conservative style and form may be worn.
  - b. **Short Hair**
    - i. Must be styled in a conservative fashion (no spikes).



**ID MARKERS**

Students **must** have their ID markers with them at all times while in the clinical area. Failure to have the markers can result in dismissal from the clinical area for the day or until the student obtains proper loaner markers from the clinical coordinator.

**REPLACEMENT MARKERS / LOST MARKERS**

The first set of image receptor ID markers are loaned to the student free of charge. ID markers are returned to AWC upon exiting the Radiography Program. Lost markers should be reported to the clinical coordinator immediately. Loaner markers will be issued after a receipt is presented as proof of order. It will be the student’s responsibility to obtain their replacements. A credit card is preferred when placing an order. The loaner marker must be returned when the new marker is received. Failure to report lost markers or to return loaner markers will result in demerits

Merry X-Ray Corporation  
8020 Tyler Blvd.  
Mentor, Ohio 44060

<b>Catalog No.</b>	127565	<b>Phone:</b>	(800) 635-9729
<b>Supplier No.</b>	TA-17	<b>Fax:</b>	(866) 842-9089
<b>Estimated Price:</b>	\$28.12		

CMX Medical Imaging  
6601 South Glacier  
Tukwila, WA 98188

<b>Supplier No.</b>	TA-17	<b>Phone:</b>	(425) 656-1269
<b>Estimated Price:</b>	\$26.50	<b>Fax:</b>	(425) 656-2855

## **PROFESSIONAL CONDUCT AND PRACTICE**

1. Supervisors in the clinical area, such as lead technologists, staff technologists, clinical instructors, etc., will be referred to by last name only (unless otherwise instructed).
2. All hospital rules will be adhered to while in clinical area. (e.g. hospital surgical scrub outfits cannot be worn outside of the hospital at any time).
3. Radiographic rooms will be kept clean and stocked with adequate linens and supplies.
4. Professional conduct, courtesy, and cooperation is expected at all times when in the hospital setting.
5. Students are not allowed in the clinical area during off-duty hours without permission from clinical coordinator and clinical instructors.
6. Students will be expected to report promptly to class and clinical areas according to schedule.
7. While in the affiliate hospitals, AWC dress code must be adhered to.
8. No food is allowed in the clinical areas, except in the designated lunch and/or break rooms.
9. Student must never attempt to diagnose an exam.
10. Student must never discuss the patient's condition, show an image, or give a report to a patient or family unless given a direct order to do so by the attending physician or radiologist.
11. Students must present themselves in a professional manner at all times. Infractions of the above regulations may result in points being taken off of the clinical grade for that semester.
12. Student must cover surgery scrubs with a lab coat when leaving the surgery area and remove it upon return.

## **DUE PROCESS/PROGRAM GRIEVANCE**

The program respects the student's right to grieve or appeal program decisions that may seem unfair. The program follows the college's Academic Appeals policy (found in the Arizona Western College Student Handbook). The students will also acknowledge their right to question program conditions through the JRCERT by signing the Grievance and JRCERT acknowledgement form. [www.jrcert.org](http://www.jrcert.org)

The purpose of the student program appeals process is to provide an informal but structured system of program review for students who have questions, concerns, and/or serious disagreements concerning program matters. This procedure is to be used only when a student has an academic concern listed below that can be resolved at the program or department level.

Academic matters covered under this appeals process include allegations of:

1. Unfair, inequitable treatment of students
2. Unfair grading procedures and computation of grades
3. Inappropriate classroom/personal conduct of instructor
4. Improper disclosure of grades
5. Improper applications or interpretations of academic rules and standards
6. Improper/unfair testing procedures
7. Misadvised

This procedure is not meant to replace or substitute for the College's procedures related to alleged discrimination or other matters as defined in the **Arizona Western College Behavioral Code of Conduct**. Students have the right to use the grievance procedure after pursuing the Academic Appeals procedure, provided the matter is grievable. Students should not use both systems simultaneously.

## **RADIOLOGIC TECHNOLOGY PROGRAM GRIEVANCE PROCESS**

If a student has a concern about clinic or academic classes in the Radiologic Technology program, the process is as follows:

To appeal any decision, action or inaction pertaining to instructional issues (exclusive of Arizona Western College's Student Code of Conduct), the student should initially discuss the issue in question with the original decision maker within 72 business hours and expect the issue to be resolved within five business days. If the student is not satisfied with the resolution of the matter, the student should contact the supervisor of the original decision maker as described below.

### **1. Problems with a Clinical Instructor or Staff Technologists:**

- a. Contact the clinical coordinator about the problem within 72 business hours to set up an appointment to meet within five business days. In this informal meeting, the student will be expected to verbally explain the situation, indicate concerns and suggest possible solution(s).
- b. The clinical coordinator will respond to the students concerns with a written decision within five business days.

If the problem is not resolved to the satisfaction of the student after meeting with the clinical coordinator the student should:

- a. Contact the Director of the Radiologic Technology program within 72 business hours of receiving a written decision to set-up an appointment within five working days to discuss the issue. In this informal meeting, the student will be expected to verbally explain the situation, indicate concerns and suggest possible solution(s). The program director will respond to the students concerns with a written decision within five business days.

### **2. Problems with Associate Faculty:**

- a. Contact the program director about the problem within 72 business hours to set up an appointment to meet within five business days. In this informal meeting, the student will be expected to verbally explain the situation, indicate concerns and suggest possible solution(s).
- b. The program director will respond to the students concerns with a written decision within five business days.

If the problem is not resolved to the satisfaction of the student after meeting with the program director the student should:

- a. Contact the VP of Career and Technical Education within 72 business hours of receiving a written decision from the program director to set up an appointment within five business days to discuss the issue. In this informal meeting, the student will be expected to verbally explain the situation, indicate concerns and suggest possible solution(s).
- b. The VP will then conduct such inquiries as deemed appropriate and will respond to the student's concerns with a written decision within 15 business days.
- c. The VP's decision may bring the matter to closure. The College is committed to a timely resolution of student grievances relating to instructional issues, but circumstances may be present that could delay a decision in some instances. If it appears that the inquiry will require more than 15 business days for a decision, the appellant will be notified by the VP or designee of the necessity of an extension.

### 3. Final Appeal

- a. If not satisfied with the VP's decision, the appellant may submit a request for final appeal in writing to the vice president for Learning Services within five business days from receipt of the decision of the dean. This appeal must contain all the original materials submitted in the informal appeals plus a copy of the written decision of the dean.
- b. The vice president or designee will conduct inquiries as deemed appropriate and shall provide a written decision to the appellant within five business days.
- c. An appeal to the vice president shall be limited to one or more of the following reasons:
  - i. Failure to follow provision of this procedure or other applicable procedures with such failure resulting in prejudice to the student;
  - ii. Unlawful, arbitrary, or capricious action;
  - iii. Excessively severe sanctions;
  - iv. Newly discovered evidence that could not reasonably be discovered prior to the instructor, director, or dean's decision.
- d. The vice president for Learning Services decision on the appeal is final.

### **REPEATING RADIOLOGIC TECHNOLOGY COURSEWORK**

A student who earns a failing grade, below a "C", in any Radiologic Technology course will exit the program at the end of the semester in which the failing grade was recorded. Students must successfully complete all current semester course work in order to register for the next semester.

A student who exits the program because of failing grades, below a "C", may petition the program for readmission the following year when the incomplete course is re-offered to repeat that course. **Radiologic Technology courses may only be repeated once and only one Radiologic course can be repeated.**

Students who fail the review course RAD 225 will receive an incomplete grade (I) and be given the option to enroll in RAD 299, an Independent Study course, to retake all of the Practice Exams and the Mock Registry Exams. The student must sign a learning contract and pass all exams with an average score of 75% or above. If the student is successful, the incomplete (I) will be changed to a "C". A student who earns a failing grade in RAD 299 can retake RAD 225 the next time it is offered.

Students who are applying for readmission must do the following:

1. Contact the program director at least two semesters prior to the semester for which the student is seeking readmission.
2. Submit a future academic performance improvement plan.
3. Recheck all clinical examinations which were completed prior to exiting the program, re-simulations will be scheduled with the clinical coordinator and will be done in a lab setting during evening or weekend hours.
4. Failure to pass all exam simulations will result in a denial of readmission status.
5. Register and pay for a non-credit remedial clinic course RAD 102 that will allow the student to practice and simulate in the clinical area.
6. Submit a valid Fingerprint Clearance Card.
7. Submit to a drug and alcohol testing two weeks prior to the readmission date, readmission will be on condition of receipt of a negative drug screen.
8. Take a TB screening test three weeks prior to the date of readmission.

9. Complete all health requirements and hospital orientation as required by main affiliate site.
10. Readmission will be dependent on space availability.

The program director and faculty will review the future performance plan and simulation and recheck documentation and make a decision about the student's readmission. Readmission to the program will also be dependent on the number of available seats as defined by the JRCERT regulations of program capacity. If the student is not satisfied with the decision the student should contact and meet with the VP of Career and Technical Education. The VP or designee will then conduct such inquiries as deemed appropriate and shall provide a written decision to the student within fifteen business days. The VP's decision may bring the matter to closure. If not satisfied with the results of this meeting with the VP of Career and Technical Education, at that point the student should secure an Instructional Petition Form from the office of the vice president for Learning Services and prepare the written statement of appeal and submit it to the vice president for Learning Services within five business days of the decision being appealed.

The Statement of Appeal must contain the following information:

1. The student's name, local address and telephone number;
2. A statement of concerns regarding the original decision;
3. Arguments and or documentation supporting the student's position; and
4. A statement of the requested solution.

The vice president or designee will conduct inquires as deemed appropriate and shall provide a written decision to the student within five business days. This appeal must contain all of the original materials submitted in the informal appeal plus a copy of the written decision of the VP of Career and Technical Education.

An appeal to the vice president shall be limited to one or more of the following reasons:

1. Failure to follow provisions of this procedure or other applicable procedures with such failure resulting is prejudice to the student.
2. Unlawful, arbitrary, or capricious action.
3. Excessively severe sanction(s).
4. Newly discovered evidence that could not have reasonably been discovered prior to the instructor, supervisor, or VP's decision.

The vice president for Learning Services decision on the appeal is final.

## **HEALTH AND SAFETY REGULATIONS**

All students are required to have a pre-admission health examination and all applicable immunizations to ensure the safety and well-being of students, staff and patients. In addition, the hospital's policy regarding infectious diseases will be followed, as well as random drug testing if required.

If a student becomes ill or injured at the clinical site, he/she must report to the clinical instructor who may send the student home, to the employee health nurse or the emergency room. The student will be required to fill out an incident report in the event of injury.

In the event that the student contacts or is exposed to a communicable disease, the student must notify the clinical instructor. All of the regulations of the program's affiliate sites and the hospital rules regarding infection control will be observed. It is recommended that the student maintain individual health insurance coverage.

In the event of an injury while in the clinical area, the student must immediately inform the clinical instructor and follow the AWC Clinical Injury policy. The student is responsible to notify AWC Health Services within 10 days of the incident. Medical services cost related to an injury sustained in the clinical setting are covered by the AWC insurance policy, which is secondary to any other health insurance policy that the student has.

## **INFECTIOUS DISEASES**

Each clinical facility is expected to practice universal precaution procedures when caring for patients with infectious diseases. The student technologist is educated in, and expected to be knowledgeable in the practice of these precautions. Students must be directly supervised when performing exams on infectious patients.

Clinical grades are awarded according to student performance. Refusal to render care to any patient in a manner that follows the hospital guidelines may result in dismissal from the program.

### **Procedure for Accidental Exposure to Blood or Body Fluid**

All contaminated needle sticks or bloody body fluid splash to mucus membrane or open skin should be treated as if there is a potential risk of pathogen exposure.

If the student sustains a puncture wound:

1. Withdraw needle or other object immediately.
2. Immediately wash hands/area of puncture wound using soap and water; follow application of povidone iodine and/or alcohol. Encourage increased bleeding for a few seconds and use gentle pressure at the site of the puncture. Wipe away any blood.

If the student receives a spray or splash of body fluids:

1. To eyes, nose or mouth – irrigate with a large amount of water.
2. To a break in the skin, follow procedure for puncture wound (#1 above).

The student will report the incident immediately to the clinical instructor, to the agency clinical supervisor, and to the agency Infection Control Practitioner/Safety office/Employee Health Services. The student must complete an Exposure Form according to the policy of the clinical agency.

The student will follow the clinical agency's procedures for reporting and follow-up of the exposure. Any required incident report should be completed before leaving the facility and will seek a risk assessment and determination of recommended screening, treatment and/or follow up from the Infection Control Practitioner, or clinical supervisor.

## **CPR CERTIFICATION**

When medical personnel are functioning in their official capacities, they have a positive obligation to initiate CPR when indicated. Often, within the routine examinations initiated by the technologist, patients are at risk for cardiac and/or respiratory arrest. Therefore, it is imperative that each student successfully complete an approved Basic Life Support Course. This course should include, but is not necessarily limited to:

1. Information on Cardiovascular disease and stroke.
2. Adult, child and infant one-rescuer CPR
3. Adult and child two-rescuer CPR
4. Adult, child and infant foreign body airway obstruction management

All Radiologic Technology students are required to hold (BLS) Basic Life Support - CPR certification (NOT Heart Saver) prior to the first clinical day. Either the American Heart Association or Red Cross certification is acceptable. The resultant card must state either Basic Life Support (AHA) or Professional Rescuer (ARC). The CPR card must remain current/valid throughout the program in order for a student to participate in the clinical component of course work.

**No student will be allowed to participate in the clinical experience portion of the Radiologic Sciences program without ANNUAL verification of basic life support. Certification should be current, and copies of cards should be forwarded to the clinical coordinator. It is the student's responsibility to maintain current certification status.**

## **AWC DRUG AND ALCOHOL PROCEDURE - DRUG TESTING AND PRESCRIBED DRUG USE PURPOSE AND SCOPE**

If a clinical affiliate requires mandatory or random drug testing, students in the Radiologic Technology program must comply, or they will be suspended from the program for failure to do so. A student that is on prescribed medication which could hinder his or her discretion and judgment in dealing with patients will not be allowed in the clinical area. If a student is taking any prescribed medication that could cause drowsiness, impairs their judgment, or psychomotor skills, the student must inform the clinical instructors prior to starting clinical rotations. Failure to do so will result in clinical demerits, and could jeopardize the student's continuation in the program.

All students participating in the Radiologic Technology program are required to provide safe, effective and supportive patient care. This Radiologic Technology Program Drug and Alcohol Procedure ("this procedure" or "the procedure") is intended to augment the restrictions in AWC's Student Code of Conduct and to establish a zero tolerance for the use of alcohol and drugs by AWC Radiologic Technology students. In light of the health care responsibilities of Radiologic Technology students, the use of unlawful drugs at any time shall be deemed to affect the operation of the College. When this procedure prohibits drug use, it shall be deemed to apply to drug use at any time.

## **THE STUDENT CODE OF CONDUCT**

This procedure shall augment but not replace, the AWC Student Code of Conduct. In any situation where this procedure and the AWC student Code of Conduct are in conflict, the provisions of this procedure shall control.

### **DEFINITIONS**

The following terms shall apply to this procedure: The term “drug” or “drugs” includes any narcotic, dangerous drug, prescription medication, steroid, vapor- releasing toxic substance, marijuana, or controlled substance as defined by Arizona law. The term “drug” or “drugs” includes imitation controlled substances and imitation prescription-only drugs as defined by ARS § 13-3451.

“Reasonable Suspicion” is present when there is an objective, individualized basis to believe that a student has used, possessed, or transferred drugs, or alcohol in violation of this procedure. This includes, but is not limited to, situations in which a student’s behavior or physical appearance suggests impairment. Slurred speech, papillary changes, impaired physical coordination, or very unusual behavior may indicate impairment.

The term “transfer” includes any sale, purchase, or other exchange regardless of whether the exchange is completed or merely attempted and regardless of whether something of value is given or paid as consideration for the exchange.

### **VIOLATIONS OF THIS PROCEDURE**

It is a violation of this procedure for a Radiologic Technology student to:

1. Violate the drug and alcohol policy provisions set out in Section 4 (4.2) of the AWC student Code of Conduct.
2. Receive a positive drug and/or alcohol test pursuant to the protocol for conducting a drug and/or alcohol test.
3. Use drugs at any time, unless the use involves: (i) prescription medication prescribed by a physician, (ii) the medication is used in accordance with the prescription, and (iii) use of the medication does not adversely impact the safe practice of Radiologic Technology.
4. If a student processes a marijuana card, the card must be issued by the state of Arizona.
5. Possess (other than in the student’s capacity as a Radiologic Technology student), transfer, or offer to transfer drugs or drug paraphernalia at any time.
6. Be impaired to any extent as a result of the use of drugs and/or alcohol while functioning in any capacity as a Radiologic Technology student.
7. Fail and/or refuse (i) to submit to a drug and/or alcohol test when requested by an AWC instructor or administrator, (ii) to comply with a required procedure of a drug and/or alcohol sample, or (iii) to authorize the testing facility to release the results of any drug and/or alcohol test to the director of the Radiologic Technology program. It is also a violation of this procedure to attempt to tamper with, contaminate, or switch a drug and/or alcohol sample provided to the testing facility.
8. Be convicted of a drug offense.



## **PROTOCOL FOR CONDUCTING A DRUG AND/OR ALCOHOL TEST**

The following protocol shall be followed if, (i) an AWC Radiologic Technology instructor or an AWC Radiologic Technology staff member (hereafter an instructor and a staff member are collectively referred to as an “instructor”) observes behavior by a Radiologic Technology student that provides reasonable suspicion that the student has violated this procedure, and/or (ii) a reliable third person relays information about a Radiologic Technology student to an instructor that provides reasonable suspicion that the student has violated this procedure.

1. The instructors shall immediately notify the director of the Radiologic Technology program who will notify the VP of Career of Technical Education.
2. The instructor shall remove the student to a private setting. The instructor will discuss with the student the behavior observed by the instructor and/or the information reported to the instructor by a third person. The student will be allowed to respond verbally to the information presented, giving an explanation for his or her behavior. The instructor has the discretion as to whether to identify any third party that provided information to the instructor. The instructor may also ask the student questions concerning the student’s use of possession of drugs and/or alcohol.
3. After discussion with the student as referenced in #2 above, if the instructor determines that there is reasonable suspicion to believe that the student has used drugs, and/or alcohol in violation of this Procedure, the instructor shall request that the student immediately undergo a drug and/or alcohol test at a testing facility chosen by the college.
  - a. The instructor shall inform the student that any failure or refusal to submit to a drug and alcohol test constitutes a violation of this procedure.
  - b. The instructor shall make arrangements to transport the student to the testing facility. After the drug and alcohol tests are completed, the instructor shall make arrangements to transport the student from the testing facility to the student’s residence.
  - c. The student shall authorize the testing facility to release the results of any drug and alcohol test to the director of the Radiologic Technology program.
4. The instructor shall prepare and deliver to the director of Radiologic Technology a written report, documenting the instructor’s involvement in the matter, and including any observations of impairment made by the instructor and/or any information received from a third party about a possible violation of this procedure. The report shall also describe the arrangements made by the instructor to transport the student to and from the testing facility.

## **THE DRUG AND ALCOHOL TESTING FACILITY**

All sample collection and drug and alcohol testing shall be performed according to the following conditions:

1. The testing facility shall comply with scientifically accepted analytical methods and procedures for sample collection and testing. Drug testing shall be conducted at a laboratory approved or certified by the United States Department of Health and Human Services, the College of American Pathologists, or the Department of Health Services.
2. The testing facility shall provide confirmation of any positive drug test results. Confirmation of a positive drug test result shall be by use of a chromatographic technique such as gas chromatography-mass spectrometry or another comparably reliable analytical method.

## **COST OF DRUG AND ALCOHOL TESTING**

The college shall be responsible for any cost of transporting a student to and from the testing facility and for the cost of any drug and alcohol testing, including the cost of any confirmatory test.

## **EXCLUSION FROM CLINICAL EXPERIENCE**

Pending the results of any drug and/or alcohol test, a student shall be excluded from all clinical experiences.

## **DRUG TEST INDICATING USE OF PRESCRIBED MEDICATIONS**

If a student tests positive for a prescribed medication, the student must obtain a written statement from a physician, chosen by the college, stating that (i) the drug level is within prescribed limits, (ii) the drug level does not indicate impairment or abuse, and (iii) the drug level does not interfere with the safe practice of radiology. The student must also present evidence of the applicable prescription in the student's name. The above conditions must be satisfied before the student will be allowed to resume clinical experiences, and failure to satisfy any of the above-referenced conditions within a reasonable time shall be deemed presumptive evidence that the student has violated this procedure. The college shall pay the cost of the report required by this section.

## **CONFIDENTIALITY OF DRUG AND ALCOHOL TESTING**

A request that a student take a drug and/or alcohol test, and the results of any such test, shall remain confidential, except that an instructor, the Director of the Radiologic Technology program, and/or the VP of Career and Technical Education may inform other college administrators, faculty members, clinical personnel, then ARRT and other entities on a reasonable, need-to-know basis. The request for testing and the test results may also be used as evidence in a disciplinary proceeding. The mere absence of a student from a clinical setting or permission for a student to later make up work is not a reason for disclosure. Positive drug and/or alcohol test results shall be placed in a student's records. Negative drug and/or alcohol tests shall only be placed in a student's records at the request of the student.

## **HEARING AND APPEAL RIGHTS**

Upon receipt of information indicating a violation of this procedure, including but not limited to the receipt of a positive drug and/or alcohol test, the director of the Radiologic Technology program shall inform the vice president for Learning Services. The Radiologic Technology program director shall then file a complaint with the vice president for Student Services, pursuant to Section IV of the AWC Student Code of Conduct. Upon filing such a complaint, a formal hearing shall be held to determine whether there has been a violation of this procedure. The formal hearing shall occur pursuant to the procedures set forth in the AWC Student Code of Conduct, and the vice president for Student Services shall serve as the Hearing Officer. The vice president for Learning Services shall serve as the College administration representative at the hearing. If the Hearing Officer finds that the student violated this Procedure, the presumptive discipline imposed; absent what the Hearing Officer believes to be unique extenuating circumstances shall include a suspension of the student from the AWC Radiologic Technology program for not less than one year. At the discretion of the Hearing Officer, the student may also be suspended or expelled from the College. The student retains the right to appeal the decision of the Hearing Officer as set forth in Section V of the AWC Student Code of Conduct.

## **READMISSION TO THE RADIOLOGY PROGRAM**

A student who has been suspended from the Radiologic Technology program pursuant to this procedure may request to be readmitted at the end of the suspension period, pursuant to the general readmission procedure of the program. In addition to readmission to the Radiologic Technology program will be contingent upon the student providing to the director of Radiologic documentation from a college approved therapist that the student has completed a treatment program approved by the therapist and is able to provide safe, effective, and supportive patient care. Immediately prior to any readmission, the student will also be required to submit to a drug and alcohol test, paid for by the college. For students who have also been suspended from the college, additional readmission requirements may be imposed pursuant to AWC Student Code of Conduct.

## **FIRE PREVENTION AND PROTECTION/MEDICAL EMERGENCIES**

### **Rules:**

1. Know the procedures of the clinical sites in the event of fire.
2. Know locations of fire alarms and fire equipment in department.
3. Know how to use fire extinguishers and which to use for various fires. NOTE: ABC extinguishers are located throughout the department and can be used for any fire that may occur.
4. Never endanger self or a patient should a fire exist.
5. Report fire and electrical hazards to a supervisor.

### **Responsibilities**

#### **Student**

### **Action**

#### **A. Prevention of Fires**

1. Smokes only in designated areas and extinguishes in a proper manner.
2. Investigates suspicious fire hazards.
3. Keeps passageways, fire exits, and corridors clear at all times.
4. Knows location of all firefighting equipment and their use.
5. Reports fire hazards to immediate supervisor.

#### **B. Event of Fire**

1. Removes patient from immediate area when fire or smoke exists.
2. Pulls fire alarm.
3. Calls operator reporting location.
4. Calls front desk to announce location of fire.
5. Controls fire using proper extinguishers.
6. Closes all doors, thereby confining the fire.
7. Disconnects electrical equipment, i.e., circuit breakers and combustibles, those not engaged in extinguishing the fire.
8. Closes the oxygen cut off valves adjacent to the fire.

#### **C. Medical Emergencies**

1. Monitor patient during exams.
2. Recognize a change in the patient's condition.
3. Call for immediate assistance.
4. Know the procedures for handling an emergency at all clinical sites (codes).
5. Locate the CRASH carts and other emergency supplies.

## **RADIATION SAFETY**

To ensure the safety of the student, radiation safety regulations must be followed at all times.

1. Never expose self or a fellow student for test exposure or demonstration.
2. Stay behind protective barriers during “radiation exposure”.
3. Never hold patients or image receptor.
4. During fluoroscopic procedures, maintain as much distance as practical.
  - a. Use the protective drape on the image intensifier for the examination.
  - b. Wear a lead apron of at least 0.25 mm of lead or equivalent of lead or equivalent and preferably 0.50 mm and if not actually assisting the radiologist, either stays in the control booth or behind the radiologist.

Radiation safety and MRI safety will be taught:

- On the YRMC intranet Health Stream module.
- During RAD 100 summer orientation.
- In RAD 110 during the first fall semester.
- In RAD 207 during the last spring semester.

RAD 207 is a more advanced course that deals with Radiobiology, State and Federal radiation regulations.

The program conforms to State regulations for the use of ionizing radiation. Students and instructors conform to the various affiliates’ policies regarding radiation safety and patient shielding. Variances in these policies will be covered in class. Policies involving pregnant students are also covered.

## **RADIATION MONITORING**

To help ensure that the student is working in a safe environment, the amount of radiation received will be monitored. Radiation dosimeters will be issued to each student each month.

It is the responsibility of the student to wear the assigned dosimeter device at all times while in the clinical setting, this includes the clinical lab setting. The student must use caution as not to lose or damage the monitoring device. The GI (total body) dosimeter is to be worn on the outside of the apron. The monitor will be placed in a holder, which must face forward at all times for an accurate reading.

1. Always wear the radiation dosimeter at the collar level outside of the lead apron. **NOTICE: FAILURE TO WEAR THE MONITOR OR RETURN IT IN A TIMELY FASHION WILL RESULT IN DISCIPLINARY ACTION AND/OR GRADE REDUCTION.**
2. Lost dosimeter must be reported immediately to the instructor.
3. You will be given a temporary dosimeter in order to return to clinic. Students will not be allowed to be in clinical area without a dosimeter.
4. Students are responsible for switching out dosimeters monthly.
5. Students can login to [www.myldr.com](http://www.myldr.com) to view their most recent reports.
6. The radiation dosimeter report will be posted in the clinical lab office. Students must review and initial the report within 30 days of posting of the report.
7. Radiation exposure is monitored by the Radiation Safety Officer and the clinical coordinator. If the radiation level exceeds acceptable limits, the student will be counseled.

## **PATIENT PROTECTION**

**Students are expected to protect all patients from unwanted radiation by doing the following:**

- Use appropriate shielding on all exams: aprons, half aprons, and gonadal shields.
- Question pregnancy in all women of childbearing age (onset of menstruation to menopause)
- Show evidence of collimation on all images if appropriate.
- Practice acceptable positioning skills to reduce patient positioning errors.
- **Perform all repeats under the direct supervision of qualified technologist.**

### **Responsibilities**

### **Action**

#### **Student**

1. Follow all of the guidelines above

#### **Clinical Coordinator**

1. Documents evidence of the students' failure to follow patient protection guidelines.
2. Reviews completed competency forms and vetoes the achievement of competency, if the patient was not shielded (a reason for automatic failure)
3. Evaluates student using the Midterm and Final Instructor Evaluation form, in the area of Patient Protection and counsel student during the Midterm and Final clinical conferences.
4. Assigns demerits as earned for failure to follow patient radiation safety procedures. Demerits will affect the student's final clinical grade.
5. Informs the program director of instances when students do not protect patients from unnecessary radiation.

#### **Program Director**

1. Meets with the student to discuss failure to adhere to policies
2. Removes the students from the clinical area if documentation shows a repeated pattern of failure to adhere to clinical policies.

## **LOST RADIATION DOSIMETERS**

Students are never allowed to be in the clinical areas without a dosimeter.

### **Responsibilities**

#### **Student**

### **Action**

1. Contact the clinical coordinator to obtain a temporary dosimeter.
2. Do not report to your clinical area until you have been assigned a temporary dosimeter.
3. Make-up any clinical time missed because of not having a dosimeter.
4. If dosimeter is lost for a 3<sup>rd</sup> time, pay a fine of \$20 to the RSO or the clinical resource coordinator of the diagnostic radiology department.

#### **Clinical Coordinator**

1. Contact the Radiation Safety Officer (RSO) to assign the student a temporary dosimeter.
2. Counsel the student and document two demerits for each occurrence up to two occurrences.
3. Impose a fine of 20.00 for the 3<sup>rd</sup> lost dosimeter and suspend the student from the clinical area until the fine is paid and a dosimeter is secured. (Payment should be made to the RSO or the clinical resource coordinator of the diagnostic radiology department)
4. Schedule the student to make-up the missed clinical time at a time when it is not possible to exceed the 10-hours clinic per day as required by the JRCERT, or no more than 40 hours per week class/clinic requirement.

#### **Radiation Safety Office/Clinical Resource Coordinator**

1. Assign the student a temporary dosimeter as needed.
2. Apply payment to YRMC cost center 7040-4002 and provide the student with a receipt.

## **THRESHOLD DOSE POLICY FOR STUDENTS**

Title 10, Part 20, of the *Code of Federal Regulations* (10 CFR Part 20), "Standards for Protection against Radiation," establishes the dose limits for radiation workers. Although the limits vary, depending on the affected part of the body, the annual total effective dose equivalent (TEDE) for the whole body is 5,000 mrem (5 rem). AWC monthly threshold effective dose equivalent limit for the whole body is 125 mrem. Dosimetry reports will be posted in the clinical lab for student review. Students will review and initial the report within 30 days of the report being posted. The clinical coordinator reviews the reports and investigates readings over 125 mrem per month.

### **Responsibilities**

#### **Student**

### **Action**

1. Always wear a dosimeter in the clinical areas.
2. Change dosimeters each month as instructed.
3. Review and initial monthly radiation report.
4. If a monthly exposure exceeds 125 mrem the student will be interviewed by the clinical coordinator.
5. The student must submit a written report to the program director as to how they will reduce their exposure. The report will be kept in their file.

#### **Radiation Safety Office**

1. Assists the clinical coordinator in investigating exposures exceeding 125 mrem per month.
2. Interviews students as necessary.
3. Recommends steps on how the student can reduce their exposure.

#### **Clinical Coordinator**

1. Reviews student's radiation reports to ensure that the monthly exposure does not exceed 125 mrem.
2. Recommends suspension from the clinical areas or clinical rotation adjustment for students who have dose reports exceeding or close to exceeding 125mrem per month.
3. Schedules the student to make-up the missed clinical time at a time when it is not possible to exceed the 10-hours clinic per day as required by the JRCERT, or no more than 40 hours per week class/clinic requirement.
4. Informs program director of occurrences.

#### **Program Director**

1. Places the student on a probation or removes them from the program if the student continues to display continuous monthly exposures, which exceed 125 mrem per month and if it is determined that the student has been involved in unsafe radiation safety practices, such as holding patients or image receptors during the performance of exams.

## **PROTOCOL TO PROVIDE FOR THE HEALTH AND SAFETY OF PREGNANT RADIOLOGIC TECHNOLOGY PROGRAM STUDENTS**

**PURPOSE:** AWC is committed to protecting Radiologic Technology program students (“RT Students”) from health and safety hazards. It is both the protocol and practice of the program to offer maximum radiation protection to RT Students, and to require safe radiation practices in accordance with the “As Low as Reasonably Achievable” philosophy. The purpose of this protocol is to provide information to RT Students and other personnel to help them make decisions regarding radiation exposure during pregnancy.

1. The National Council on Radiation Protection and Measurement recommends that the radiation dose to an embryo/fetus of a pregnant woman not exceed 0.5 rems (5 mSv) during the gestation period. This is one-tenth of the dose that an occupational worker may receive in a year.
2. All RT Students will be required to read the U.S. Nuclear Regulatory Commission Regulatory Guide 8.13 titled “INSTRUCTION CONCERNING PRENATAL RADIATION EXPOSURE” (Regulation Guide 8.13).
3. Disclosure of pregnancy is voluntary; students are not required to disclose pregnancy. However, in order for a pregnant RT student to take advantage of the protocols set out below, she must declare her pregnancy in writing to the director of the Radiologic Technology program or designee.
4. In addition to the dosimeter worn by all RT Students, the director of the Radiologic Technology program or designee will provide to declared pregnant RT Students a second dosimeter, and will carefully monitor this second dosimeter to ensure that the 0.5 rem per year lower exposure limit during the pregnant RT Student’s gestational period is not exceeded. The director of the Radiologic Technology program or designee will also counsel pregnant RT Students concerning the use of additional shielding. The Radiologic Technology program provides pregnancy aprons for pregnant students.
5. If pregnancy is disclosed the student, then has the following options:
  - a. continue in program, wearing a 2nd dosimeter and appropriate protection in the Fluoroscopy areas.
  - b. at any time during either pregnancy or post-pregnancy, if an RT student believes that continuing in the program is contraindicated, the student can withdraw from the program and may thereafter be eligible for readmission as outlined in the Radiology readmission protocol.
  - c. notice of intent to withdraw from the program must be submitted in writing to the program director.
  - d. notice of intent to withdraw a declaration of pregnancy should be submitted in writing to the program director.
6. If any student has questions or needs additional information concerning this protocol, the student should contact the director of the Radiologic Technology program or designee.
7. All Radiologic Technology students shall acknowledge receipt of this protocol and the fact that they have read Regulation Guide 8.13 by signing a copy of this protocol.





## MRI Safety Policy

**SCOPE:** This policy describes the MRI safety and screening procedures for the patient undergoing an MRI exam and students who are in the vicinity of MRI scanning equipment.

### GUIDELINES FOR PATIENTS:

1. All outpatients are required to fill out the MRI History Form.
2. All Inpatients are required to complete the Checklist/Consent for Magnetic Resonance Imaging.
3. Inpatients and Outpatients unable to complete and sign the form must have a legal guardian or POA review and sign the MRI form.
4. The technologist will review completed Forms/Checklists to determine if the patient and the patient's family can safely enter the MRI exam area.
5. Questions will be posed to determine if patients have breathing problems, movement disorder, pain or claustrophobia, as these are known to present difficulties during MRI procedures.
6. After the procedure, the MRI staff will ensure that the patient is safely removed from the scanning area. Each patient will be evaluated to ensure no physical trauma has occurred as a result of positioning, injection, or coil placement.

### GUIDELINES FOR STUDENTS:

1. The following are **CONTRAINdicATONS** for being in the MRI area:
  - a. cardiac pacemakers
  - b. electronic implanted devices
  - c. acoustic implants
  - d. neurostimulators
  - e. some implanted aneurysm clips
2. Before entering the MRI scan room, students will remove all loose ferromagnetic objects such as: removable dental work, metal hair clips, bobby pins, keys, wallets, pocket knives, cell phones, pagers, steel toed boots/shoes and all other items determined unsafe by the MRI staff.
3. MRI staff will ensure that students in the MRI scan room during active scanning will be provided with appropriate hearing protection devices.
4. The door to the magnet will remain closed at all times to ensure safety and image quality.
5. Use only equipment (stretchers, IV poles etc.) that are safe to take into the MRI room.
6. Complete and sign a checklist that asks questions about ferromagnetic implants prior to entering MRI.
7. Complete an initial MRI safety screening form, during program orientation, to determine if the student can safely enter the MR area. Form to be kept in student file.
8. Student to contact clinical coordinator if his/her health status changes that would impact the student's ability to safely enter the MR area.
9. The safety of MRI has not been established in pregnancy.

I read and understand the above guidelines.

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Student Signature

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Date

## **REQUIRED COUNSELING NOTIFICATION POLICY**

Affective behaviors are extremely important in the educational process and employment of Radiographers. Due to the medical professions' emphasis on customer service and teamwork, affective behaviors such as professionalism, attitudes, the proper use of discretion and judgment, etc. are extremely important. It is the purpose of the program to graduate competent and caring Radiographers who exhibit necessary affective behaviors as deemed important by the ASRT's Scope of Practice for the Radiographer as well as the ARRT's Code of Ethics for the Radiographer.

The Radiologic Technology faculty will assist the student in forming the necessary behaviors. If after two conferences with the Radiologic Technology faculty, the negative affective behavior has not changed, the student must make an appointment with the Health & Wellness office to be referred to a counselor or additional help in order to continue. If after professional assistance, the behavior or related problems continue, and the student's continuation in the program is in jeopardy due to an accumulation of demerits. Career counseling would then be offered.

Negative affective behaviors such as sexual harassment and hazing of other students will not be tolerated. Students displaying those negative affective behaviors will be referred to the Health & Wellness department.

## **ADVISEMENT/STUDENT SERVICES**

As a partner in the mission of the college, the Student Services staff at the College plays a vital role in creating a college environment that maximizes student success and the total development of the individual. Student Services staff takes a proactive role in working with faculty, staff, administration and students to design and implement programs and services that positively affect identified student goals and outcomes.

Programs and services include: academic and career counseling, computerized information delivery systems, and advising student with undeclared majors. All of these services are available to students with disabilities. In addition, Student Services offers support and assistance by arranging appropriate accommodations for students with disabilities. Please refer to the AWC Student Handbook for specific services and information regarding available student services.

## **ADVISEMENT POLICY REGARDING - ACADEMICS – CLINICAL PERFORMANCE**

Faculty members have open door policies regarding the students' progress in the program. Each student will receive a minimum of one instructor conferences per semester regarding their academic/behavioral and clinical progress.

The program director will maintain office hours to ensure availability to all students. Appointments should be scheduled. Course considerations beyond the normal Radiologic Technology curriculum will be on an individual basis. Career counseling for post-graduate education or certification in other modalities will be at the student's request.

## **LEARNING RESOURCES**

- College library
- Program library
- Online library at <http://hil.alicogroups.com/hltindex.asp>
- Computer labs at the College
- Access to program library/labs on weekends
- Simulation and computer lab at Parkview Medical Plaza (PMP)
- Access to RadReview

### **Student Support Services are available to students who are eligible**

- Tutoring
- Career Counseling
- Personal assistance
- Developmental workshops
- Cultural Activities
- Mentoring

### **Faculty Support**

- Additional clinical instruction during break
- Allowing volunteer clinical time
- Minimum of one conference per semester with faculty

### **Student Success Center Support Services**

- Tutoring/computerized tutorials
- Assistance with study skills
- Successful Student seminars

### **Childcare**

- Childcare is available to students who qualify

### **Housing**

- Arizona Western College provides Campus housing for students who qualify

### **Classroom/Lab/Computer Use after Hours**

- The program encourages students to utilize the facilities and equipment after normal school hours. Therefore, students may request that the lab be made available to them for additional clinical practice or study time. Extra lab time must be scheduled with an instructor.

### **External Links**

- American Society of Radiologic Technologists (ASRT) [www.asrt.org](http://www.asrt.org)
- American Registry of Radiologic Technologists (ARRT) [www.arrt.org](http://www.arrt.org)
- Joint Committee on Education in Radiologic Technology [www.jrcert.org](http://www.jrcert.org)
- National Council on Radiation Protection and Measurement (NCRP) [www.ncrponline.org](http://www.ncrponline.org)

# **ADMINISTRATIVE** **FORMS**

**To: Radiologic Technology Students**

**From: Arizona Western College, Radiologic Technology Program**

**Re: Protocol to Provide for the Health and Safety of Pregnant Radiologic Technology Program Students**

**PURPOSE:** Arizona Western College is committed to protecting Radiologic Technology program students (“RT Students”) from health and safety hazards. It is both the protocol and practice of the program to offer maximum radiation protection to RT students, and to require safe radiation practices in accordance with the “As Low as Reasonably Achievable” philosophy. The purpose of this protocol is to provide information to RT students and other personnel to help them make decisions regarding radiation exposure during pregnancy.

1. The National Council on Radiation Protection and Measurement recommends that the radiation dose to an embryo/fetus of a pregnant woman not exceed 0.5 rems (5 mSv) during the gestation period. This is one-tenth of the dose that an occupational worker may receive in a year.
2. All RT students will be required to read the U.S. Nuclear Regulatory Commission Regulatory Guide 8.13 titled “INSTRUCTION CONCERNING PRENATAL RADIATION EXPOSURE” (Regulation Guide 8.13).
3. Disclosure of pregnancy is voluntary; students are not required to disclose pregnancy. However, in order for a pregnant RT student to take advantage of the protocols set out below, she must declare her pregnancy in writing to the director of the Radiologic Technology program or designee.
4. In addition to the dosimeter worn by all RT students, the director of the Radiologic Technology program or designee will provide to declared pregnant RT students a second dosimeter, and will carefully monitor this second dosimeter to ensure that the 0.5 rem per year lower exposure limit during the pregnant RT student’s gestational period is not exceeded. The director of the Radiologic Technology program or designee will also counsel pregnant RT students concerning the use of additional shielding. The Radiologic Technology programs provides pregnancy aprons for pregnant students.
5. If pregnancy is disclosed the student, then has the following options:
  - a. Continue in the program, wearing a second dosimeter and appropriate protection in the Fluoroscopy areas.
  - b. At any time during either pregnancy or post-pregnancy, if an RT student believes that continuing in the program is contra indicated, the student can withdraw from the program and may thereafter be eligible for readmission as outlined in the Radiology re-admission protocol.
  - c. Notice of intent to withdraw from the program must be submitted in writing to the program director.
  - d. Notice of intent to withdraw a declaration of pregnancy should be submitted in writing to the program director.
6. If any student has questions or needs additional information concerning this protocol, the student should contact the director of the Radiologic Technology program or designee.
7. All Radiologic Technology students shall acknowledge receipt of this protocol and the fact that they have read Regulation Guide 8.13 by signing a copy of this protocol.

Print Student Name: \_\_\_\_\_

AWC ID: \_\_\_\_\_

Student Signature: \_\_\_\_\_

Date: \_\_\_\_\_

**To: Radiologic Technology Students**

**From: Arizona Western College, Radiologic Technology Program**

**Re: Radiologic Technology Authorization to Release Reference Information**

I hereby authorize the program director and/or instructors in the Radiologic Technology program of Arizona Western College to release information concerning my performance while enrolled in the program.

This information should only be released to prospective employers to whom I have given the names of the program director and/or instructors as references.

This information may be given out by letter or via telephone conversation.

Print Student Name: \_\_\_\_\_

AWC ID: \_\_\_\_\_

Student Signature: \_\_\_\_\_

Date: \_\_\_\_\_

**To: Radiologic Technology Students**

**From: Arizona Western College, Radiologic Technology Program**

**Re: Prohibited Behavior**

The grounds for dismissal are listed below. It should be pointed out that a student can be suspended and/or dismissed from the program at any time during their training for violations. Infractions listed below constitute grounds for disciplinary action up to and including dismissal. Due process will be allowed. The student will not be allowed to attend clinic or classes during the appeal process.

1. Insubordination.
2. The use, conviction and distribution of, or possession of illegal drugs or controlled substances.
3. Alcohol, illegal drug and/or controlled substance dependency.
4. Falsification of clinical documents.
5. Failure to accomplish clinical assignments and objectives.
6. Unprofessional or unethical conducts as defined by the American Registry of Radiologic Technologists' (ARRT) code and rules of conduct.
7. Cheating in academic courses.
8. Plagiarism (the act of stealing or passing off ideas or words of another as one's own. Use of a created product without crediting the source; to commit literary theft)
9. Violations such as theft or unprofessional behavior at a clinical site that caused you to be barred from returning to that site.
10. Taking supplies from the college or clinical site without permission.

If you are dismissed from the program for cheating in academic or clinical courses; inappropriate and unethical behavior with patients, staff or instructors; use, distribution or possession of illegal drugs or controlled substances; fraud with intent to deceive or theft; you will not be eligible for re-entry into the program.

By signing this form, I understand that engaging in these behaviors is grounds for dismissal from the program.

Print Student Name: \_\_\_\_\_

AWC ID: \_\_\_\_\_

Student Signature: \_\_\_\_\_

Date: \_\_\_\_\_

**To: Radiologic Technology Students**

**From: Arizona Western College, Radiologic Technology Program**

**Re: Professional Standards**

A student entering the profession of Radiologic Technology must understand that they are entering a field of medicine that requires certain professional standards that other career choices may not. Professional dress, appearance, and modes of communication must be of certain standards in order to maintain the confidence and care of the patient. Patients under the care of a Radiologic Technologist present themselves in all ages, cultures, and of various ethnic origins, therefore trendy modes of dress and appearance are not allowed. The program has an established dress code and code of conduct that must be followed throughout the academic year.

Signing the Professional Standards form indicates that the student understands the requirements of the program and that the student agrees to abide by these standards.

Print Student Name: \_\_\_\_\_

AWC ID: \_\_\_\_\_

Student Signature: \_\_\_\_\_

Date: \_\_\_\_\_



**To: Radiologic Technology Students**

**From: Arizona Western College, Radiologic Technology Program**

**Re: Confidentiality Statement/HIPAA Regulations**

I understand that the information concerning patients, their illness or their families is private. I will preserve this right to privacy by not discussing their conditions, treatments, or any other private matters in public settings either in the Hospital or outside of the Hospital. All discussions related to patients must take place in a location where the conversation cannot be overheard by uninvolved parties. In clinical conferences and classroom references, *the patient shall be referred to by initials only.*

Any information obtained from the patient’s medical record will be used only for authorized purposes. I will preserve and protect the contents of the records and other confidential information obtained.

Information concerning employees, and employee records, is private and confidential. I understand that this private information shall be distributed only to authorized personnel. Financial information of patients, employees, or the organization shall be distributed only to authorized personnel. Any identifiable patient information must not be removed from the health care facility.

Computer access codes are recognized as electronic signatures to access automated patient and employee records. I understand that due to the confidential nature of the documentation in the medical record, my password should not be shared with another person. I hereby agree not to reveal my password, nor will I attempt unauthorized access to the system. If I suspect the security of my password has been compromised, I agree to report this to the clinical instructor immediately.

I understand that a breach in confidentiality may be in violation of federal and/or state statutes and regulations, and subject to prosecution under law. This statement is in compliance to the rules of HIPAA. If I violate patient confidentiality, a grade of “F” will be awarded for the course followed by immediate dismissal from the program. I will be ineligible for readmission.

Print Student Name: \_\_\_\_\_

AWC ID: \_\_\_\_\_

Student Signature: \_\_\_\_\_

Date: \_\_\_\_\_

**To: Radiologic Technology Students**

**From: Arizona Western College, Radiologic Technology Program**

**Re: Hepatitis B Vaccine Information**

**I. THE DISEASE**

Hepatitis B virus, one of at least three Hepatitis viruses, is an important cause of viral Hepatitis. The illness caused by or related to Hepatitis B is serious, resulting in death in about 1% of those infected. Complications of the disease include a variety of liver disorders, including cirrhosis and cancer. Most patients recover completely but about 6 – 10% become chronic carriers and can continue to transmit the virus to others. There may be as many as .5 – 1.0 carriers in the United States.

**II. TRANSMISSION AND RISKS**

The disease is transmitted chiefly through contact with infected blood and blood products. Hospital staffs, therefore, are at increased risk of acquiring the disease. The risk for hospital personnel can vary, both among hospitals and within hospitals. Though the risk of acquiring Hepatitis B through the clinical experience is probably lower than in some facilities, the decision to receive or decline the vaccine deserves your careful consideration.

**III. THE VACCINE**

Vaccines which provide protection from Hepatitis B have been developed by various pharmaceutical companies. Field trials have shown 80 – 95% efficacy in preventing infection among susceptible persons. The duration of protection and the need for booster doses is not yet known. Adult vaccination consists of three intramuscular injections of vaccine. The second and third doses are given at one and six months respectively, after the first.

**IV. WAIVER FORMAT**

- Consistent with guidelines developed by the CDC and the American Hospital Association, certain employees have been identified as being at relatively higher risk of exposure to Hepatitis B. Radiography, at certain institutions, has been designated in this group.
- Immunity to Hepatitis B through previous illness, exposure, or vaccination, can be determined by a laboratory screening test, available at an approximate cost of \$30.
- The Hepatitis B viral vaccine is available through the Health Departments, personal physicians, or any hospital for approximately \$90 personal cost.
- As with any immunization, there are disadvantages and risks. If you wish further advice, please contact your personal physician.

**I HAVE READ AND FULLY UNDERSTAND THE ABOVE.**

- I have already received the Hepatitis B vaccine.
- I will obtain the Hepatitis B vaccine
- I will not obtain the Hepatitis B vaccine.

Print Student Name: \_\_\_\_\_

AWC ID: \_\_\_\_\_

Student Signature: \_\_\_\_\_

Date: \_\_\_\_\_

**To: Radiologic Technology Students**

**From: Arizona Western College, Radiologic Technology Program**

**Re: Grievance and JRCERT Acknowledgment**

The Purpose of Accreditation has been explained to me. I have been given the opportunity to review “The Standards for an Accredited Program” by JRCERT 2021.

If I have concerns about the program, I was advised to address a written complaint to the program director. If there is no resolution, I was advised to contact the dean of Career and Technical Education. If after following the AWC Grievance Process, there is no resolution at this point, I can contact the Joint Review Committee on Education in Radiologic Technology at:

20 N Wacker Drive. Suite 2850  
Chicago, IL 60606-3182  
Tel: (312) 704-5300  
Fax: (312) 704-5304  
Email: mail@jrcert.org  
Website: www.jrcert.org

I have also been informed of the College’s grievance procedure as stated in Arizona Western College Student Code of Conduct and the informal procedure for grievance resolution within the Radiologic Technology program as stated in the Radiologic Technology Student Guide.

Print Student Name: \_\_\_\_\_

AWC ID: \_\_\_\_\_

Student Signature: \_\_\_\_\_

Date: \_\_\_\_\_

**To: Radiologic Technology Students**

**From: Arizona Western College, Radiologic Technology Program**

**Re: Class and Clinical Scheduling**

All Radiologic Technology classes will follow the College's academic calendar. However, due to the clinical requirements needed for graduation, the clinical rotations may not always follow the published college calendar.

The Radiologic Technology's program curriculum is based on 22 months of academic study and clinical rotations to acquire clinical competency. The purpose of clinical rotations through hospitals and offices is to provide students the variety and number of radiographic procedures they need to be evaluated on to be performed before competency and graduation can be obtained.

In order to graduate from the program within the published 22 months, a standard number of radiographic procedures must be competently completed by each student as well as other written assignments and the completion of specific clinical objectives.

Students will receive specified breaks as noted in the college calendar, however, those students who have not obtained the required number of competencies would be strongly encouraged to schedule designated break days for clinical rotations in order to achieve the number of exams as required. There will be break days that all students receive. Students that are on schedule with their clinical assignments and competencies would not need to be in clinical rotations during certain semesters unless they desire to be. There will be several occasions during the program that all students will be scheduled for clinical rotations during breaks in order to meet clinical objectives in special rotations or other areas of clinical rotations that are difficult to schedule.

The purpose of clinical scheduling during college breaks is to assist those students that have not met established program clinical requirements during the semester. This additional time provides the clinical time and rotations necessary to meet semester requirements. This would assist the student in graduating as scheduled, and to be able to sit for the National Board Examination with their classmates. Classes or clinical rotations will not be scheduled on a National holiday.

The program will offer some academic course work during the evening hours such as 5:00 pm – 8:30 pm, so that there is increased flexibility to provide the best quality instruction from qualified, experienced adjunct faculty who are currently working in the field of Radiologic Technology.

I have read this information about class and clinical scheduling and understand that due to my own progression of clinical competence, I may, or may not receive all of the college's academic breaks as designated by the College's calendar.

**Questions will be answered by the program faculty prior to signing this form.**

Print Student Name: \_\_\_\_\_

AWC ID: \_\_\_\_\_

Student Signature: \_\_\_\_\_

Date: \_\_\_\_\_

**To: Radiologic Technology Students**

**From: Arizona Western College, Radiologic Technology Program**

**RE: Absence from Academic Classes**

**All students are expected to attend every session of a class in which they are enrolled.**

**Rules:**

1. Radiologic Technology students will be allowed three absences per semester in academic courses unless otherwise stated in the course outline. Students are allowed two absences during the summer semester.
2. The 4<sup>th</sup> absence, 3<sup>rd</sup> absence in the summer, will result in dismissal from the course (dismissal from Radiologic Technology courses results in dismissal from the program).
3. Students who are over fifteen minutes late for class will be counted as absent for that class.

**Responsibilities**

**Action**

**Student**

1. Does not exceed absences as specified in course outline.
2. In extenuating circumstances are present, student must get approval of instructor.
3. Is expected to attend every session of the course.

**Associate Faculty**

1. Advises student after 3<sup>rd</sup> absence
2. Informs program director.

**Program Director**

1. Reviews rules and makes decisions pertaining to same and disciplinary action taken.

Print Student Name: \_\_\_\_\_

AWC ID: \_\_\_\_\_

Student Signature: \_\_\_\_\_

Date: \_\_\_\_\_

**To: Radiologic Technology Students**

**From: Arizona Western College, Radiologic Technology Program**

**RE: Clinical Attendance and Absences**

**As an allied health professional, one is expected to be dependable in all job assignments**

**Clinical Attendance Rules:**

1. The student must notify a clinical instructor or technologist in charge as soon as possible if he/she expects to be late.
2. If late due to unavoidable circumstances on the way to clinical assignments, the student is to report to an instructor or clinical coordinator immediately upon arrival in the clinic area.
3. All time missed must be made up at the end of the same day or at the discretion of the clinical instructor.
4. The student **must** email the clinical coordinator with notification of any missed time.
5. No student is expected to be tardy more than two times during the term, regardless of reason.
6. More than two tardies in one semester will result in demerits and points will be taken from the clinic grade as follows:

0 – 2 tardies = No demerits

3 or 4 tardies = 2 demerits for each offense

5 or more tardies = 3 demerits for each offense, and will be considered totally unsatisfactory. In addition to demerits, disciplinary action will be given at the discretion of the instructors.

7. **Any** failure to clock in/out must be documented on Trajecsyst with corresponding “Time Exception”. The maximum allowed “Time Exceptions” for the failure to clock in/out is 3 per semester. All failure to clock in/out after 3 will result in 1 demerit for each infraction.
8. Clocking in/out with a mobile device should only be used when there are issues with the clinical site’s computer. E.g. not working, technologist using for patient care. The mobile device’s geolocation must be turned on and the student should be in the clinic when clocking/out. Failure to follow this procedure will result in 1 demerit for each infraction.
9. Leaving clinic early without clinical coordinator permission will result in (1) demerit for each occurrence.
10. Students can clock out up to 5 minutes before the end of their scheduled clinical shift. More than 2 early clock outs will result in (1) demerit for each infraction
11. Students can clock in up to 10 minutes prior to shift start time. This allows the student time to prepare for their scheduled rotation. **The student is expected to be at their scheduled rotation and ready to work by their appointed start time.**

**Responsibility**

**Student**

**Action**

6. Notifies clinical instructor or technologist in charge as soon as possible.
7. Reports to clinical instructor or technologist in charge upon arrival in clinic area.
8. Makes up time at end of day.
9. Sends email notification of time missed to the clinical coordinator.
10. Clock in/out on Trajecsyst.

**Clinical Coordinator**

- 6. Documents all time infractions
- 7. Give demerits as needed.
- 8. Keeps student informed.
- 9. Counsels student when necessary and documents the counseling session.
- 10. Keeps director informed of potential problems.

**Program Director**

- 5. Reviews all records.
- 6. Advises instructors.
- 7. Counsels student when necessary.
- 8. Makes determinations concerning disciplinary action.

**Clinical Absences:**

After three absences (fall, spring) and after two absences (summer) one demerit will be applied to the clinical grade for each absence. (Consecutive days are considered one absence). After three consecutive absences which are due to illness, student must have a doctor’s release to return to clinic.

**Responsibility**

**Action**

**Student**

- 1. If absent, call the clinical site and email clinical coordinator at least one (1) hour before scheduled time.
- 2. Make up all time missed to keep up with clinical competencies.
- 3. If seriously ill, keep clinical instructor and clinical coordinator informed of progress.
- 4. Notify clinical instructor and clinical coordinator if taking medication that will alter total performance.
- 5. Schedules by email to clinical coordinator all personal leave at least one week in advance.

**Clinical Coordinator**

- 1. Documents all absences.
- 2. Keeps students informed of demerits.
- 3. Counsels and advises students.
- 4. Reviews missed assignments.
- 5. Grades students to reflect demerit documentation.
- 6. Assigns students to non-critical areas if necessary.
- 7. Schedules personal leave.
- 8. Keeps program director informed of student status.
- 9. Instructs students concerning protocol and procedures.

**Program Director**

- 1. Reviews all records.
- 2. Advises instructors.
- 3. Counsels and advises students when necessary.
- 4. Makes final decisions concerning extended or prolonged absences.

Print Student Name: \_\_\_\_\_

AWC ID: \_\_\_\_\_

Student Signature: \_\_\_\_\_

Date: \_\_\_\_\_

**To: Radiologic Technology Students**

**From: Arizona Western College, Radiologic Technology Program**

**Re: Radiation Safety Policies**

**POLICY STATEMENT:** All Radiologic Technology students and faculty are expected to follow established safety procedures for working around sources of radiation. Disregard for radiation safety policies will result in disciplinary action.

**RULES AND PROCEDURES:**

1. ALWAYS wear a lead apron when in the room during an x-ray procedure. If one's hand must be in the primary x-ray beam, lead gloves are available.
2. While in the room during an x-ray procedure, wear a lead apron or stand as far as possible (at least ten feet) from the portion of the patient being examined.
3. Students and faculty SHALL NOT HOLD PATIENTS as a method of immobilization or support during an x-ray examination. Immobilization devices are available.
4. ALL RADIOLOGIC TECHNOLOGY students and faculty will be issued a personal radiation monitor or "dosimeter." Dosimeters are exchanged on a monthly basis. If a lead apron is worn, the dosimeter is to be worn at the collar and outside the lead apron.
5. Report lost dosimeters to the clinical coordinator – a temporary spare dosimeter will be issued.
6. Dosimeter reports will be kept in a secure area as they are received. Each student is responsible for reviewing his/her own results monthly and will initial the report.
7. Exposures in the Radiology department are to be maintained AS LOW AS REASONABLY ACHIEVABLE (ALARA)
8. The ALARA dose level for the Radiologic Technology program is 125 mrem per month. Exposures exceeding the ALARA level will be investigated by the clinical coordinator and the Radiation Safety Officer.

Print Student Name: \_\_\_\_\_

AWC ID: \_\_\_\_\_

Student Signature: \_\_\_\_\_

Date: \_\_\_\_\_



**To: Radiologic Technology Students**

**From: Arizona Western College, Radiologic Technology Program**

**Re: Radiologic Technology Program Understanding of Program Regulations**

I read and understand the information and policies in the Arizona Western College Radiologic Technology Program Student Guide and agree to abide by the regulations therein.

Print Student Name: \_\_\_\_\_

AWC ID: \_\_\_\_\_

Student Signature: \_\_\_\_\_

Date: \_\_\_\_\_