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RADIOLOGIC TECHNOLOGY

Program at a Glance 2019

Radiologic Technology is the profession in which trained personnel produce medical images of the human body for use in diagnosing medical conditions and disease. The radiologic technologist, also known as a radiographer, follows physicians' orders precisely and conforms to regulations concerning the use of ionizing radiation to protect themselves, their patients, and their co-workers from unnecessary exposure. In addition, the radiologic technologist must practice effective communication, documentation, patient care, and technical skills.

Meridian Technology Center was the first area technology center in Oklahoma to offer this highly specialized field of study and continues to lead the way in radiologic technology education. The program offers training opportunities in both clinical and laboratory settings fully equipped with computed radiography that parallel the modern medical imaging industry.

A learner-centered environment, utilizing active-learning strategies, is integrated into each classroom, laboratory, and clinical phase of the two-year program. Didactic courses are correlated with clinical experiences to enhance the student's ability to achieve competence in patient care, radiation protection, routine diagnostic, fluoroscopy, trauma, and surgery procedures.

Upon successful completion of the program and national certification exam, administered by the American Registry of Radiologic Technologists, graduates may use the designation of R.T. (R) ARRT. Primary certification in radiography coupled with additional training offers career advancement opportunities in post primary modalities.

Graduates of Meridian Technology Center have attained employment positions:

- Computed Tomography
- Magnetic Resonance Imaging
- Mammography
- Cardiovascular-Interventional Radiography
- Medical research institutions
- Radiology management
- Radiology education
- PACS Administration

Mission

The purpose of the Meridian Technology Center Radiologic Technology program is to provide competent, well trained radiographers for medical communities in need.

Goals

- Goal 1 Students will graduate with the clinical competence and compassion to practice as entry-level radiologic technologist.
- Goal 2 Students will demonstrate the ability to communicate with a diverse population.
- Goal 3 Students will graduate with the ability to reason and solve problems.
- Goal 4 Students will demonstrate professionalism
- Goal 5 The program will provide competent, qualified entry-level radiologic technologists to serve in the community.

Philosophy

Our philosophy of instruction fosters individual learning styles in an environment that emulates a “real world” approach to learning. We believe our role as radiologic science educators is to lead the student radiographer from where they are to where the medical imaging industry needs them to be.

Career Major Length

Radiography classes begin each fall. The 24-month program consists of both clinical education and didactic instruction.

Career Major Hours (2565)

Clinical assignments are routinely scheduled two days a week during the first year and three days a week during the second year. Career Major hours do not include the medical terminology and anatomy & physiology prerequisites.

Clinical classes are routinely scheduled from 7:30 a.m. to 3:30 p.m.

Special short-term evening and weekend rotations may be assigned in the second year of clinical applications to enhance the learning experience.

Campus classes are routinely scheduled to begin at 8:30 a.m. and end at 3:30 p.m. Schedules may vary dependent upon courses and clinical affiliate requirements (e.g. *Clinical* rotations at clinics begin at 8:00 a.m. and end at 4:00 p.m.; some courses may be scheduled from 8:30 a.m. to 1:30 p.m.; clinical orientations may be scheduled outside routine clinical hours).

Pace of Curriculum for All Health Programs

A required amount of content must be covered during the program; therefore, it is important for the student to allot time outside of the classroom for study and test preparation. This point is stressed again and again throughout the course because not only must the students have an understanding of this, but he/she must also solicit the understanding and support of friends.

Travel to Clinical Sites for All Health Programs

Since clinical experiences are scheduled throughout the Meridian Technology Center district and beyond, it is important for the students to have dependable transportation. Although carpooling is sometimes feasible, each student is responsible for his/her transportation and the expenses incurred when traveling to these clinical sites. Students are required to attend several clinical rotations assigned by program faculty. Clinical sites are located within a 65 mile radius of Meridian Technology Center.

Attendance Requirements

Attendance requirements are equivalent to those expected of employees in business and industry. Excessive absences will negatively affect progress in the program. All courses require 90% attendance. Students receiving financial aid must comply with applicable guidelines to maintain assistance.

Career Major Tuition and Fees (subject to change)

Tuition Expense (2 year total)	\$4,800.00
Textbooks, software, & online fees (majority purchased at beginning of program)	\$ 838.15
Miscellaneous Materials/Supplies Expenses	\$ 116.00
Initial Drug Test/Background Check/Pre-Clinical Records Management Service (Recheck Background \$80; Recheck Drug Test \$45)	\$ 165.00
Physical, CPR Class, Hepatitis B vaccination series	\$ 695.00
Application Fees for ARRT Certification Exam	\$ 200.00
Conference Expenses for 1 st and 2 nd year (Optional)	\$ 350.00
Clinical Uniforms	\$ 450.00

The miscellaneous expenses will vary with individual needs. Travel to and from clinical assignments and meals **are not** included in program expenses. Additional clinical expenses may be incurred. Textbooks and other expenses are subject to change.

I-408-B1 REFUND POLICY

The following is an excerpt from the Meridian Technology Policy related to tuition refunds.

Full-Time Programs

Upon written notification of withdrawal*, a tuition refund less the deposit will be remitted to individuals enrolled in full-time programs according to the following guidelines.

1. A 100% refund, less the deposit, will be remitted to students who officially withdraw within the first five (5) days of a payment period.
2. No tuition will be refunded to a student who has not officially withdrawn within the first five (5) days of a payment period or is dismissed due to breach of MTC policy.
3. A 100% refund, including the deposit, will be remitted only to students who have documented extenuating circumstances that have been approved by the Superintendent or his/her designee.

*Written notice of withdrawal is considered to be the completion and submission of an official withdrawal form or a letter that is dated and signed by the student, and addressed to the Director of the Career Planning Center.

Refund Policies for Recipients of Title IV Financial Aid

A federally-mandated refund must be calculated for all Title IV financial aid recipients who withdraw prior to the completion of the period of enrollment for which he/she has been awarded aid according to the following federal regulations. If a student withdraws on or before the 60%

point for the current period of enrollment, a portion of the total of Title IV funds awarded a student (Pell Grant and Oklahoma Tuition Aid Grant) must be returned, according to the provisions of the Higher Education Amendments of 1998. The calculation of the return of these funds may result in the student owing a balance to the school and/or the Federal Government.

Admission Requirements

- 18 years of age
- ACT score documentation
- Associate Degree or degree audit within 15 credit hours of completion
- Completion of prerequisites (see Prerequisites)
- Radiologic Technology classes are limited in size, dependent upon availability for placement in the clinical education setting. Customarily the program admits 10-12 students each year.
- Candidates are selected for admission to the program based upon application rank. Contact the Health Occupations Division for an application package, selection criteria, and program information.
- Attend applicant orientation and complete entrance assessments.
- Accepted candidates complete enrollment forms and pay a deposit in the Career Planning Center. Contact the Career Planning Center for deposits, tuition and fees information.

I-402-A1 ADMISSIONS INTO MERIDIAN TECHNOLOGY CENTER PROGRAMS

Full-Time Programs (Adult Students)

A deposit is required for enrollment in all full-time programs.

- Tuition for out-of-district adult students is double the amount of those who live in the Meridian Technology Center district. Exceptions to this policy are when Meridian Technology Center has program offerings not available at surrounding Technology Centers

Graduation Requirements

Completion of didactic course work is determined by completion of all ARRT certification eligibility requirements and degree completion. A minimum of 77% must be achieved in each final course grade.

Completion of clinical education is determined by completion of all required competencies, objectives, lab demonstrations, final clinical performance exam with a minimum score of 77%, simulations, (if necessary) terminal evaluation, and 1445 clinical training hours.

All probationary terms must be met before completion status will be granted.

All tuition and fees due to Meridian Technology Center must be paid in full before the program coordinator will validate program completion.

All students graduating from Meridian Technology Center must either earn a minimum ACT Composite Score of 19 or achieve minimum WorkKeys Assessment Scores required for the career major in Applied Math, Graphic Literacy, and Workplace Documents. (Effective for those students graduating on or after July 2018).

Once all program requirements are met, the student will schedule an exit interview with the program coordinator to verify complete and accurate records. The student will at this time be given an opportunity to evaluate the program and provide suggestions for program improvements.

A completed application for the certification examination administered by the American Registry of Radiologic Technologist must be submitted with all applicable fees and identification to the program coordinator prior to validation of program completion.

Once the student successfully passes the examination, he or she will hold the credential R.T. (R) (ARRT) (Registered Technologist of the American Registry of Radiologic Technologists). This is the most respected professional credential in Radiology and is considered essential by most employers of Medical Imaging departments.

Created: 1983, Revised 2001; revised 11/03, 07/04, 06/06, 07/11, 7/13, 6/16, 10/17

Clinical Standards

A student must meet all physical requirements to function safely as a student radiographer.

- Able to work in latex burdened environments with reasonable accommodations.
- Possesses strength and stamina for prolonged walking and standing.
- Manipulate equipment up to six (6) feet off the floor or with assistive devices.
- Able to effectively communicate in person and by phone or with correctable device.
- Able to adequately visualize written information, medical images, equipment and monitor patient conditions or with the use of correctable devices.
- Able to frequently lift up to sixty (60) pounds of weight to waist level, bend, stoop, reach, push, pull, and kneel.
- Able to move immobile patients from a stretcher to the imaging table with assistance from departmental personnel and/or with the use of safe patient handling equipment.
- Push a patient in a standard wheelchair from the nursing unit to the radiology examining room.
- Understand and apply clinical instructions given from departmental personnel.
- Utilize a keyboard for inputting patient and/or technical data into imaging and information computers.
- Monitor patients via audio monitors during imaging procedures or with corrective device.
- Ascend and descend stairways in emergency situations.
- Wear radiation protective apparel weighing 7-20 pounds for extended periods of time.
- Function safely with reasonable accommodations.
- Practice good personal hygiene. Nails should be clean and no longer than one fourth of an inch in length. Fake nails are not allowed in clinical training.
- Tattoos must be covered. Facial and other piercings may not be allowed. Gauges may not be allowed.
- Facial hair must be removed for one time respirator fit test.

Admission to Clinical

Prior to entering the clinical phase of the program, students must meet all eligibility requirements for admission to clinical education to ensure the safety of the patient, visitors, students, healthcare personnel, and self. The following requirements define the program's pre-clinical eligibility necessary to participate in clinical training and are subject to change throughout the school year in order to maintain compliance with standards set forth by the healthcare institution, accrediting agencies of the healthcare institution, state, and federal government. The program's clinical instructor is responsible for maintaining documentation for all pre-clinical requirements and ensuring that all students are in compliance with the Clinical Admissions Policy. The program's clinical instructor will immediately remove any student who does not comply with all clinical policies and notify the program coordinator in writing of non-compliance.

- 1) Completion of appropriate coursework and required skill set in good standing.
- 2) Pass program safety exam with 100% accuracy
- 3) Attend the assigned clinical site's departmental orientation provided by the healthcare institution's clinical instructor or designated personnel. In addition to the scheduled orientation with the clinical instructor, a clinical site may require attendance to the institution's employee orientation or other specified institutional in-services.
- 4) Current Healthcare Provider CPR certification or equivalent
- 5) Two negative Tuberculosis Skin Test (PPD) documented within the past 12 months prior to entering the first clinical rotation. If there is history of a reactive test or active disease, then proof of a negative chest x-ray and physician's clearance will be required. (Additional TB test/chest x-ray will be required annually.)
- 6) Current tetanus
- 7) Respirator Fit Test
- 8) A series of three Hep B vaccinations must be completed prior to entering the first clinical rotation. An initial or 1st dose, 2nd dose one month after the first, and 3rd dose six months after the first injection. A waiver may be signed, however, the program encourages students to complete this preventive maintenance due to the risk involved for a radiologic technologist.
- 9) Documentation of HIPAA, OSHA, and workplace safety training
- 10) Written verification of a positive varicella titer or 2 vaccines (chicken pox)
- 11) Written verification of 2 MMR or positive titer
- 12) Pass the program's designated criminal background check which may include, but not limited to, sex offenses, credit checks, and sanctions check. Additional background checks may be required.
- 13) A designated drug screening is required prior to students entering clinical training. Additional drug testing may be required
- 14) Obtain appropriate ID from the clinical site as instructed by the clinical instructor.
- 15) Obtain radiation monitoring device from program coordinator.
- 16) Complete the clinical orientation class provided by the program's clinical instructor.
- 17) Complete the clinical orientation class provided by the affiliate clinical site's clinical instructor.
- 18) Provide proof of health insurance

Prerequisites

1. Degree Completion

Qualified applicants must have completed a minimum of an associate degree or higher. The degree granting institution must be accredited by a mechanism acceptable to the American Registry of Radiologic Technologists (ARRT). A list of acceptable accreditation mechanisms may be accessed at <https://www.arrt.org/partners/schools-educators/accreditation>. Check to see if your degree will meet the ARRT certification eligibility requirements. (Note: Most state colleges and universities meet this requirement.)

Consideration may be given to applicants who are within 15 credit hours of degree completion. The degree must be completed prior to completion of the radiologic technology program. Effective January 1, 2015, completion of an accredited educational program **and** degree completion are an eligibility requirement to sit for the ARRT certification examination.

General Education courses are to include a minimum of 3 credits hours each in mathematical/logical reasoning and written/oral communications. Additionally, the general education prerequisites include a minimum of 9 credit hours of electives selected from any of the following areas: Arts and Humanities; Information Systems; Social/Behavioral Sciences; Natural Sciences.

The evaluation of the equivalency of education courses will be aligned with the Oklahoma State Regents for Higher Education found at <http://www.okhighered.org/transfer-students>

And

2. Anatomy & Physiology (must achieve a grade of C or better)

If your degree did not include an Anatomy and Physiology course you must take the course independently. Anatomy and Physiology course(s) may be taken separately or as one course at a college or university. Course HL000454, HL00046 or equivalent from an Oklahoma Career and Technology Education Center may substitute for this course. If a pass/fail grading system is recorded on a transcript or certificate, proof of grade C or higher must be submitted.

And

3. Medical Terminology (must achieve a grade of C or better)

If your degree did not include a Medical Terminology course you must take the course independently. Course HL00342, HL00054 or equivalent from an Oklahoma Career and Technology Education Center may substitute for this course. If a pass/fail grading system is recorded on a transcript or certificate, proof of grade C or higher must be submitted.

Advanced Placement/Transfer Credit

Individuals who have previous work or educational experience in health related areas may be eligible for advanced placement or transfer credit. Arrangements for advanced standing should be made prior to entering the program. Contact the program coordinator for advanced standing policy and procedure or access <https://www.meridiantech.edu/major/radiologic-technology/>. Policies are reviewed annually.

Curriculum

For a list of courses visit our web site at <https://www.meridiantech.edu/major/radiologic-technology/>.

Application Procedure

The application process begins **February 1**, each year.

Step 1 <input type="checkbox"/>	ATTEND APPLICANT ORIENTATION and COMPLETE ASSESSMENT: Sign up and schedule an appointment for the written admission assessment. The radiologic technology coordinator will provide a minimum of two orientation sessions. Dates will be announced in February each year. Attendance in one session is <u>mandatory</u> to be considered a qualified candidate. These sessions are designed to provide information related to application, admissions procedures, program policy and procedures, college credit, transfer credit, financial aid, and the radiologic technology profession. Test Accommodations If you want to request testing accommodations for a documented disability, please contact Tara Kerr at 405-377-3333, ext. 395. Requests must be made in advance of testing.
Step 2 <input type="checkbox"/>	INSTRUCTIONS & FORMS: Review application and instruction packet.
Step 3 <input type="checkbox"/>	APPLICATIONS: Submit completed and signed program application and documentation. Application for financial aid may be made prior to acceptance. Contact the financial aid office to verify available financial assistance.
Step 4 <input type="checkbox"/>	SUBMIT SUPPORTING DOCUMENTATION: <ul style="list-style-type: none">➤ ACT scores➤ Official College transcripts (from a regionally accredited college or university and/or Oklahoma Career Tech transcript)➤ Documentation of Oklahoma Career Tech certificate of completion (if applicable)➤ Documentation of prerequisite courses. Include official transcript showing completion of Anatomy and Physiology and Medical Terminology as well as completion certificates of health related training (if applicable). If a pass/fail grading system is recorded on a transcript or certificate, proof of grade C or high must be submitted. <p>All information must be complete and accurate to be considered applicable to the selection process. (<i>See the selection criteria for points assigned to each category. The selection criteria for the radiologic technology program is reviewed annually for revision.</i>)</p> <p>All materials required for application to the radiologic technology program must be submitted to Meridian Technology Center on or before the APPLICATION DEADLINE: June 1, of each year. Exceptions may be considered with prior approval from the program coordinator for extenuating circumstances. (Example: Transcripts with Spring semester grades are not yet accessible but verified as complete.)</p>

Step 5 <input type="checkbox"/>	ARRT PRE-ELIGIBILITY APPLICATION: <p>In accordance with the American Registry of Radiologic Technologist (ARRT) eligibility requirements for certification, a candidate for certification and registry renewal must be a person of good moral character and be in compliance with the ARRT Rules of Ethics. You may contact the American Registry for Radiologic Technologists at https://www.arrt.org or (651) 687-0048 to obtain a ruling for any of the following situations that may have an impact on your eligibility for certification:</p> <ul style="list-style-type: none"> • Convicted of a crime, including a felony, a gross misdemeanor, misdemeanor, or military court martial. • Disciplinary actions by a regulatory authority or certification board. • Disciplinary actions from an educational program that you attended in order to meet ARRT certification requirements. <p>Eligibility for certification may influence your decision in completing the application process. A prior conviction is not a component of the selection criteria used for admissions to the radiologic technology program. Eligibility for admissions to clinical sites providing training are established by each medical institution affiliated with the radiologic technology program. Contact the radiologic technology program coordinator for more information.</p>
Step 6 <input type="checkbox"/>	APPLICATION MATERIALS DEADLINE: June 1, 5:00 p.m, of each year. Deadline is subject to extension at the discretion of the Selection Committee.
Step 7 <input type="checkbox"/>	INTERVIEW/ORIENTATION SESSION: Class size is limited to ensure that optimal supervision and educational opportunities are available. The highest ranked applicants, based on the accumulative points identified in the selection criteria, will progress to the next phase in the selection process. These applicants will be contacted to schedule an interview with the selection committee. Participation in the interview/orientation session does not automatically grant acceptance into the program. Dependent upon class size, the highest ranked applicants will be selected for program admission.
Step 8 <input type="checkbox"/>	NOTIFICATION OF SELECTION STATUS: Applicants will be notified of their selection status (accepted or not accepted) by letter following review of application materials. Applicants who are not accepted may request an explanation for rejection within 15 days from the date of notification marked on the rejection letter. Requests must be submitted in writing to the Radiologic Technology Coordinator. All decisions made by the selection committee are final.
Step 9 <input type="checkbox"/>	COMPLETE PROCESS: If accepted, complete a Career Program Enrollment form and pay deposit by a date that will be indicated in acceptance letter in the Career Planning Center.

You must submit your application and all other documents by the June 1 deadline in order to be considered a candidate.

6/16, 10/17, 1/18

Criminal Background Checks/Drug Testing

All students will be required to submit a criminal background check prior to clinical training. The background checks, dissemination of self-disclosure information, background check results, and conviction records, whether in or outside the state of Oklahoma, as deemed necessary by the School, may be provided to the clinical sites to meet requirements of the academic program.

Conviction/criminal history records are reviewed as they relate to the content and nature of the curriculum and the safety and security of patients and the public. The clinical site may refuse any student from participating in the clinical experiences with a criminal background check record that relates to a felony. To be considered for a clinical placement in those sites requiring background checks, the student must comply with the requirement and all findings must be satisfactory according to the guidelines.

A conviction/criminal history record does not necessarily disqualify an individual for admission in a program. Any student with a conviction/criminal history will be required to complete the pre-eligibility application provided by the American Registry of Radiologic Technologist to determine eligibility to take the certification examination. Refer to Meridian Technology Center Policy and Procedures Manual I-406-A1.

All students will be required to complete a 10 panel drug test prior to starting clinical rotations.

Additional drug testing may be scheduled prior to clinical assignments as required by specific affiliate training sites.

Health Insurance

Proof of Health Insurance may be required by specific affiliate training sites.

ARRT Pre-Eligibility Application

In accordance with the American Registry of Radiologic Technologists (ARRT) eligibility requirements for certification, a candidate for certification and registry renewal must be a person of good moral character and be in compliance with the ARRT Rules of Ethics. You may contact the American Registry for Radiologic Technologists at <https://www.arrt.org> or (651) 687-0048 to obtain a ruling for any of the following situations that may have an impact on your eligibility for certification:

- Convicted of a crime, including a felony, a gross misdemeanor, misdemeanor, or military court martial.
- Disciplinary actions by a regulatory authority or certification board.
- Disciplinary actions from an educational program that you attended in order to meet ARRT certification requirements.

Eligibility for certification may influence your decision in completing the application process. A prior conviction is not a component of the selection criteria used for admissions to the radiologic technology program. Eligibility for admissions to clinical sites providing training are established by each medical institution affiliated with the radiologic technology program. Contact the radiologic technology program coordinator for more information.

Financial Aid

Financial assistance programs are available for prospective students wishing to attend Meridian Technology Center. Students may be eligible for a variety of grants and scholarships including Pell Grants, Oklahoma Tuition Aid Grants, and Veterans Benefits.

All financial assistance is based upon student need. Student need is defined as the difference between a family's expected financial contribution (EFC) and the total cost of attending Meridian Technology Center. For a personal assessment, contact the Financial Aid Officer at 405.377.3333 to schedule an appointment

Accreditation

The certificate radiology program at Meridian Technology Center is accredited by the Joint Review Committee on Education in Radiologic Technology (JRCERT). The program's current length of accreditation is 8 years.

JRCERT Contact information is:

20 N. Wacker Drive
Suite 2850
Chicago, IL 60606-3182
312-704-5300
e-mail: mail@jrcert.org
<http://www.jrcert.org>

Oklahoma State Board of Career and Technology Education

1500 West 7th
Stillwater, OK 74074
405-377-2000
<http://www.okcareertech.org/contact>

Certification

American Registry of Radiologic Technologists
1255 Northland Drive
St. Paul, Minnesota 55120-1155 USA
Phone 651-687-0048
<https://www.arrt.org>

Compliance Statement

Meridian Technology Center does not discriminate on the basis of race, color, national origin, sex/gender, age, disability, religion or veteran status in its educational programs or activities. This includes, but is not limited to, recruitment, admissions, educational services and activities, financial aid, and employment. Inquiries concerning application of this policy may be referred to Schelina Burnett, Coordinator of Title IV, VI, VII, IX/504/ADA Responsibilities, Meridian Technology Center, 1312 South Sangre Road, Stillwater, Oklahoma, 74074-1899, or by phone at (405) 377-3333.

Program Policies

Student Handbooks may be reviewed on our web page at <https://www.meridiantech.edu/major/radiologic-technology/>.

Career Counselors are available to assist those interested in career training at Meridian Technology Center. Call the Career Planning Center to make an appointment.

To access more information concerning application to the Radiologic Technology Career Major, call 405.377.3333 or e-mail info@meridiantech.edu.