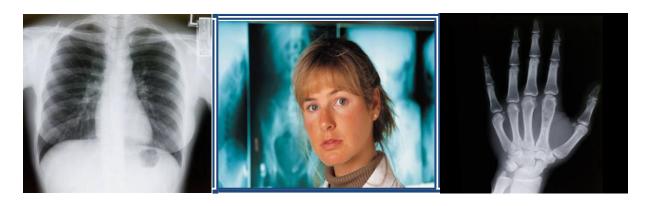


RADIOLOGIC TECHNOLOGY



Associate of Applied Science Degree Program Information Packet For Class Beginning JUNE 9, 2021 Kent State University Ashtabula Campus



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A. Introduction to Radiologic Technology at the Ashtabula Campus

Thank you for your interest in the Radiologic Technology program at the Ashtabula Campus of Kent State University. Graduates earn an Associate in Applied Science degree in Radiologic Technology (*66 semester hours). The program begins every June at the start of Summer I semester. Both the Ashtabula and Salem campuses offer this program. Please see www.salem.kent.edu for their program information.

The program educates students to perform radiologic procedures. Radiologic Technology is a branch of health care delivery that utilizes x-rays to aid in the diagnosis and treatment of medical conditions. Through a blend of classroom education at the Ashtabula Campus (during daytime hours only) and clinical education at a hospital (clinical site), students learn to apply theoretic principles to clinical practice in patient care, radiographic imaging and equipment operation, patient procedures and radiation safety. Employment upon graduation is not guaranteed.

Admission to the program is on a selective basis due to the limited number of students approved for each clinical education setting affiliated with the program. Approximately 40 applications are received annually and a percentage of the student applicants receive an interview. Acceptance into the program is approximately 20 students. The class size is determined by the JRCERT limits of clinical supervising technologists to student ratio.

Carefully read the following application packet for important information, especially the program admission requirements and the application process. Take note of deadlines for the application submission, KSU COMPASS and ALEKS testing and transcripts submission.

B. National and State Program Accreditation:

- 1. The Ashtabula and Salem programs are both nationally accredited by the Joint Review Committee on Education in Radiologic Technology and follow *The Standards for an Accredited Educational Program in Radiologic Technology*. Contact them at www.ircert.org or by phone at: (312) 704-5300
- 2. The programs are also accredited by the Ohio Department of Health: https://odh.ohio.gov/wps/portal/gov/odh/know-our-programs/x-ray-equipment/xray-equipment-inspection.

C. Careers in Medical Imaging

Radiologic Technologist: Performs exams using x-ray equipment to obtain an image of a body part. KSU offers the Associate of Applied Science degree in Radiologic Technology at both the Ashtabula and Salem campuses. Graduates may pursue advance career mobility into education, management, sales, application specialist, mammography or cardiovascular interventional technology as well as other options listed below.

Computed Tomography (CT) Technologist: Performs CT scans that image sectional views of internal structures. Applicant must be a radiologic technologist prior to program start. CT is offered as a concentration in the Bachelor of Technology degree in Radiologic and Imaging Sciences at KSU Salem. *The Bachelor Degree in Radiologic and Imaging Sciences (CT concentration) will be offered as an Online degree beginning Fall Semester 2019. The Ashtabula campus is the administrative campus for the online degrees in MRI and CT concentrations.

Magnetic Resonance Imaging Technologist: Performs MRI exams using computers and a combination of strong magnetic currents and radio waves to obtain images of human anatomy. Applicant must be a radiologic technologist or nuclear medicine technologist prior to program start. MRI is offered as a concentration in the Bachelor of Technology degree in Radiologic and Imaging Sciences at KSU Salem. *The Bachelor Degree in Radiologic and Imaging Sciences (MRI concentration) will be offered as an Online degree beginning Fall Semester 2019. The Ashtabula campus is the administrative campus for the online degrees in MRI and CT concentrations.

Diagnostic Medical Sonographer (DMS): Perform exams by using sound waves (ultrasound) to produce internal images of the human body. Requires additional training or education or students may attend a separate program of study. DMS is offered as a concentration in the Bachelor of Technology degree in Radiologic and Imaging Sciences at KSU Salem.

<u>Option I at KSU</u>: Completion of a Radiologic Technology program and Kent Core courses followed by completion of the Diagnostic Medical Sonography program.

Option II at KSU: Completion of three years of college in specific coursework that includes Kent Core courses and electives followed by the DMS program. Contact Cyndi Peterson for information on the KSU DMS program at clpeters@kent.edu or 330-337-4227.

Radiation Therapist: Administers radiation to benign (non-cancerous) or malignant (cancerous) lesions by using a strong radiation beam. Radiation Therapy is offered as a major in the Bachelor of Technology degree in Radiologic and Imaging Sciences at KSU Salem.

<u>Option I at KSU</u>: Completion of a Radiologic Technology program and Kent Core courses followed by completion of the Radiation Therapy program.

Option II at KSU: Completion of three years of college in specific coursework that includes Kent Core courses and electives followed by the Radiation Therapy program. Contact Victoria Migge for information on the Radiation Therapy program at vmigge@kent.edu or at 330-337-4133

D. The Mission of the Radiologic Technology Program

The mission of the Radiologic Technology program at Kent State University at Ashtabula is to educate radiologic technology students in the knowledge, skills and attitudes to become qualified, professional practitioners who provide quality service and care to the community and to prepare students for the changing needs of the profession. Kent State University fosters ethical and humanitarian values and educates students to think critically and to expand their intellectual horizons while attaining the knowledge and skills necessary for responsible citizenship and productive careers.

E. The Goals and Student Learning Outcomes

Goal: Students will successfully perform procedures consistent with entry level requirements of a registered radiologic technologist.

Learning Outcome: Students will apply positioning skills accurately. **Learning Outcome:** Students will select appropriate technical factors. **Learning Outcome:** Students will accurately utilize radiation protection.

Learning Outcome: Students will demonstrate proficiency in performing radiographic

exams.

Goal: Students will communicate effectively in oral and written form with patients and members of the health care team.

Learning Outcome: Students will demonstrate oral communication skills. **Learning Outcome:** Students will demonstrate written communication skills.

Learning Outcome: Students will display interpersonal skills with patients and staff.

Goal: Students will effectively utilize critical thinking and problem solving skills in the practice of radiologic technology.

Learning Outcome: Students will critique images for radiographic quality.

Learning Outcome: Students will identify the best method of treatment for a given case.

Learning Outcome: Students will adapt positioning for trauma patients.

Goal: Students will determine the value of professional growth and development and conduct themselves in a professional manner.

Learning Outcome: Students will determine the importance of continued professional

development.

Learning Outcome: Students will analyze ethical dilemmas concerning professional

behavior.

Learning Outcome: Students will identify professional conduct as seen in the clinical

setting.

Goal: Students will successfully complete all academic requirements for the associate degree in Radiologic Technology toward the practice of radiologic technology.

Learning Outcome: Students will successfully complete assessment exams on the first

attempt.

F. Radiologic Technology Program Effectiveness Data

The Radiologic Technology Program at Kent State University at Ashtabula is accredited by the Joint Review Committee on Education in Radiologic Technology (JRCERT). In compliance with the JRCERT Standards for an Accredited Educational Program in Radiography, the Program's Effectiveness Data (credentialing examination pass rate, job placement rate, and program completion rate) below is made available to perspective students and the general public.

The public may also access the JRCERT URL (<u>www.jrcert.org</u>) to view the effectiveness data of Accredited Educational Programs in Radiography.

Kent State University at Ashtabula - Program Effectiveness Data

- □ **ARRT Exam Pass Rate** Credentialing examination pass rate is defined as the number of student graduates who pass, on first attempt, the American Registry of Radiologic Technologists (ARRT) certification examination or an unrestricted state licensing examination compared with the number of graduates who take the examination within six months of graduation.
- □ **Job Placement Rate** Job placement rate is defined as the number of graduates employed in the radiologic sciences compared to the number of graduates actively seeking employment in the radiologic sciences. The JRCERT has defined not actively seeking employment as: 1) graduate fails to communicate with program officials regarding employment status after multiple attempts, 2) graduate is unwilling to seek employment that requires relocation, 3) graduate is unwilling to accept employment due to salary or hours, 4) graduate is on active military duty, and/or 5) graduate is continuing education.
- □ **Program Completion Rate** Program completion rate is defined as the number of students who complete the program within 150% of the stated program length. The program specifies the entry point as the official class roster date for the start of summer three semester.

Year	ARRT Exam Pass Rate		Job Placement Rate		Program Completion Rate	
2019	13/13 students	100%	13/13 students	100%	14/14 students	100%
2018	12/13 students	92.31%	11/11 students	100%	14/14 students	100%
2017	15/15 students	100%	15/15 students	100%	17/17 students	100%
2016	18/19 students	95%	16/16 students	100%	19/21 students	90.48%
2015	5/5 students	100%	5/5 students	100%	*5/13 students	38.5%
Years 2015-2019	63/65 students (2015-2019)	97.5%	60/60 students (2015-2019)	100%	69/79 students (2015-2019)	85.8%

^{*} Not the usual norm as evidenced by past years.

G. Admission Requirements for 2021

Please review the following <u>minimum</u> requirements. It is the applicant's responsibility to review transcripts from high school and/or from college or university to determine eligibility in meeting program requirements. <u>The completion of the minimum requirements does not guarantee an interview or acceptance into the program.</u> Please submit a Radiologic Technology application only if you meet all of the following requirements:

- 1. **Graduation from High School** or completion of a successful GED exam prior to program start.
- 2. **Algebra** with a grade of "C" or better

High School Students: Complete algebra course with a grade of "C" or better.

College Students: If high school algebra grade is not a "C" or better, then a developmental or college level algebra course must be completed at a university by the end of fall semester 2020. At Kent State, students must complete MATH 00021, 00022 (Basic Algebra I & II) with a grade of "C" or better to meet the math pre-requisite prior to the application deadline. Note that MATH 11009, Modeling Algebra, or MATH 11010, Algebra for Calculus, (if pursuing radiation therapy), must be completed before graduation.

3. **<u>Biology</u>** or Anatomy & Physiology with a grade of "C" or better
High School Students: Complete biology by graduation with a "C" or better.
College Students: If applicant did not have high school or college biology with a grade of "C" or better, then a biology course must be taken at college and <u>completed by the end of fall semester 2020</u>. Recommended course is BSCI 10001, Human Biology.

4. **Chemistry** with a grade of "C" or better

High School Students: complete chemistry by graduation with a "C" or better.

College Students: If an applicant did not have high school chemistry with a grade of "C" or better, then a chemistry course must be taken at a university and <u>completed by the end of fall</u> semester 2020.

Kent State students who did not complete high school chemistry or did not receive a grade of "C" or better are encouraged to take CHEM 10030, Chemistry in Our World, to be better prepared for CHEM 10055, Molecules of Life. MATH 00023, Basic Algebra III, must be completed with a grade of "C" or better if enrolling in CHEM 10050, Fundamentals of Chemistry.

5. <u>Cumulative Grade Point Average of at least 2.75</u> (on a 4.00 scale) from your <u>most recent</u> education record.

High School Students: Cumulative GPA reviewed on transcript.

College cumulative GPA will be considered for applicants who have previously or are currently attending a college or university and these applicants <u>must have at least a cumulative GPA of 2.75 by the end of fall semester 2020.</u>

6. **Eight hours of job shadowing is required.** See pages 19-23.

H. Application Process

Applicants who are applying to the radiologic technology program should follow the process below if applying for the program that begins **June 9, 2021.**

The following steps must be completed for your application to be processed:

Step 1 Kent State University Application:

Complete and submit the Kent State University Application for admission at https://www.kent.edu/ashtabula/apply-now and pay the \$40.00 application fee. This step is unnecessary if you are currently attending or have previously attended Kent State University and have not attended any other college or university since attending Kent. If you attended Kent State and then attended another college or university, you must reapply to Kent State.

Step 2 Official High School and College Transcripts:

Arrange for official transcripts (sent <u>directly</u> from a school) to be sent from high school and all colleges or universities previously or currently attended. If mailing transcripts, have them sent to: Kent State University at Ashtabula, 3300 Lake Road West, Ashtabula, Ohio 44004. If transcripts are being sent electronically, have them sent directly to Kent State University Ashtabula.

- a. Applicants who have previously attended or are currently attending any campus of Kent State University need not submit any transcripts.
- b. For high school or transfer students, please ensure that all high school and/or college transcripts have been submitted to Kent State by **February 1, 2021.**
- c. If taking a math or science course in spring of the year applying, high school or transfer students should submit a spring class schedule or a transcript that lists spring semester courses in order to receive points.

Step 3 Complete Basic Skills Assessment Testing (COMPASS and ALEKS Testing):

Prior to acceptance into the Radiologic Technology program, applicants must demonstrate competence for college level coursework for reading, writing and math. This can be met by one of the following

- a. Results of ACT, SAT, or COMPASS/ALEKS assessment scores
- b. Completion of all prescribed developmental coursework.
- c. Completion of English I and college-level Algebra from another university.

Arrangements to take the COMPASS or ALEKS test can be made by contacting the campus where you intend to take the test. At the Ashtabula Campus, call 440-964-4304. There is no fee for the test. These computerized tests determine English and Math course placement. The only applicants exempt from taking the test are those who have completed college level English and an Algebra course equivalent to KSU's MATH11009, Modeling Algebra or MATH 11010, Algebra for Calculus.

Applicants are required to take the test **prior to February 1, 2021.**

<u>High school seniors</u> or applicants who have not yet completed the testing should schedule the test in <u>January 2021</u>. Practice test questions are available at the website: https://www.act.org/content/act/en/products-and-services/the-act/test-preparation.html.

Step 4 Complete Radiologic Technology Application ONLINE:

The ONLINE APPLICATION FORM will be available for completion from November 1st to February 1st for the Radiologic Technology program.

No fee required. <u>Before you attempt the online application</u>, <u>please be sure you have read the entire Information Packet</u>.

Application Instructions:

In order to be eligible for the Radiologic Technology Class of 2021, which begins June 9, 2021, students must complete all program admission requirements and submit the online application form by February 1, 2021. Acceptance into the program is a selective process, as outlined in this packet. The application will only be accepted electronically--paper forms will not be accepted.

To access the online application from November 1st to February 1st, go to the following website: https://www.kent.edu/ashtabula/rad-tech.

Application Status: to confirm that your application has been received, please contact radiology secretary Theresa Hootman thootma1@kent.edu or 440-964-4252.

Please Note: When completing the online application, please verify that you are completing the application for the *Ashtabula* Campus RADT Program. There is a separate application for the *Salem* Campus RADT Program.

I. Application Review

- 1. The admissions committee of the Radiologic Technology program will review applications and transcripts in early February.
- 2. Approximately 40 applications are received annually. A percentage of applicants with the highest points are interviewed with **approximately 20 students selected.** Program clinical sites have limited availability, restricting the number of students chosen.
- 3. Pursuant to Federal Regulations and State Law, KSU is committed to providing all persons equal access to its programs and investigation of alleged complaints of discrimination without regard to race, color, religion, age, gender, sexual orientation, national origin, disability, or identification as a disabled veteran or veteran of the Vietnam era.

Change of Program

Applicants may complete a Change of Program to change their major to Radiologic Technology. This change does NOT signify that you are accepted into the radiologic technology program since the program has a selective admission process. Click on the following web link to begin the process: https://solutions.kent.edu/ChangeOfProgram/Main.aspx.

J. Point System for Selection of Students

Applicant will receive <u>points</u> based on information stated in the admission requirements:

- 1. <u>Cumulative Grade Point Average (GPA)</u>: Points are assigned to cumulative grade point average of 2.75 and above based on the average and number of credit hours completed. More points are assigned for those with higher grade point averages and with more credit hours.
- 2. **Math and Science Courses:** Points are assigned to math and sciences courses based on the grades received from high school and/or college.

Point assignment: A = 4 points, B = 3 points, C = 1 point, D or F = 0 points

- Grades from the three most recent completed courses in math.
- Grades from the two most recent completed courses in biology.
- Grades from the <u>two</u> most recent completed courses in chemistry.
- Grade from <u>one</u> physics course such as PHY 11030 7 Ideas that Shook the Universe or PHY 21430 Frontiers in Astronomy.
- Two points each are assigned for math or science courses taken in the spring semester 2020 from a university. The course(s) may be counted as the second science or third math if necessary (see above)
- 3. <u>Information Session Attendance:</u> Two points are assigned for attending a session that offers information on the Associate Degree in Radiologic Technology. <u>All information sessions will be held remotely through Zoom meetings.</u> Presentation dates are:

August 26, 2020, Wednesday at 4:00 pm September 10, 2020, Thursday at 4:00 pm October 13, 2020, Tuesday at 4:00 pm November 12, 2020, Thursday at 5:00 pm December 17, 2020, Wednesday at 5:00pm January 28, 2021, Thursday at 4:00 pm

Please check the radiology website at https://www.kent.edu/ashtabula/rad-tech to confirm date & time. Please contact the program secretary, Theresa Hootman thootma1@kent.edu or 440-964-4252 for reservations. A Zoom meeting invitation will be sent to you once a reservation is confirmed. Only one session, within two years of the February 1, 2021 deadline, is required to receive points. Applicant's signature of attendance is required.

- 4. **Job Shadowing/Observing:** Eight hours of job shadowing in a radiology department within the last two years are **required** to apply. It is highly recommended that four hours be completed in one healthcare facility and four hours completed at a different healthcare facility which may or may not be affiliated with our program. It is the applicant's responsibility to set up the job shadowing. A radiologic technologist must evaluate the applicant during the job shadowing using the forms on pages 19-23. Both forms must be submitted by **February 1, 2021.** To ensure availability, applicants are encouraged to complete job shadowing before January 2021.
- 5. **Employment Status:** Points are assigned for work experience.
 - one point for part-time non-medical employment,
 - two points for full time non-medical employment,
 - three points for part-time medical employment (caring for patients),
 - four points for full-time medical employment.

K. Interviews

- 1. After program officials review the points, the percentage of applicants with the highest points who have met the admission criteria will be sent a letter concerning the interview.
- 2. Interviews will take place on <u>Mondays in February and March</u> at the KSU Ashtabula campus. Points are based on cumulative grade point average, grades in math and sciences, job shadowing, information session attendance, and work experience if applicable. Final selection is based on points from those items previously listed as well as from points from the campus. The number of students selected is based on student capacity at each clinical site.
- 3. Applicants are notified of acceptance or non-acceptance by email in early April. Some alternates are selected during the process to replace any applicant who does not accept placement into the program. Alternates are only able to replace an applicant up to the start of the program (June 9, 2021). Those applicants who are not accepted may reapply and should seek advisement from the Radiology Program Director.

 NOTE: There is no waiting list. Students who continue to take open enrollment classes listed in the RADT curriculum will have a stronger application for next year.

L. Program Acceptance Requirements for Accepted Students

- 1. **Orientation Meeting in May:** Accepted students must attend an **orientation meeting** in mid-May to schedule classes for summer and fall semesters and to discuss program admission requirements, dress codes for clinical sites and program policies.
- 2. **BLS-CPR Certification:** Students accepted into the program must be certified in BLS-CPR by the program start and maintained throughout the program. Certification is offered by the American Heart Association. Level of certification required: Healthcare Provider. The program schedules a BLS-CPR certification class in late May for accepted students. Cost is approximately \$40.00.
- 3. **Electronic federal and state criminal background checks** must be completed prior to the start of the program. Background checks are conducted at the KSU Ashtabula Campus during the orientation meeting in May. The cost is approximately \$78 for both background checks. Applicants must **fully disclose any misdemeanor or felony records.** Applicants must seek advisement from the radiology program director prior to applying to the program. Those with a record will be advised to contact the American Registry of Radiologic Technologists Ethics Committee prior to the program start. (www.arrt.org).
- 4. **Drug screening** must be completed through CastleBranch (approximate cost \$45). Information on scheduling appointments will be given during the orientation meeting in May. Students must receive a negative drug screen for final acceptance to the program.
- 5. **A physical exam and evidence of standard immunizations.** Students must have a physical exam, records of immunizations or titers completed and have a TB (PPD) test within 12 months of program start. It may be completed at a facility of your choice.
- 6. **CastleBranch:** This company maintains the records of all students in the program. Students will upload all records and reports to CastleBranch for verification and completion. All results must be submitted by program start. The cost is approximately \$35.00 for the entire two years. More information upon acceptance into the program.

M. Technical Standards

The Radiologic Technology program at Kent State University has established essential functional requirements necessary for enrolled students to acquire the knowledge, skills, competencies and values of an entry level radiologic technologist. The technical standards of admission are not intended as a complete listing of behaviors required but are a sampling of the types of abilities needed to meet program objectives and requirements. The Radiologic Technology program or their affiliated clinical education settings may identify additional critical behaviors or abilities to meet program or clinical site requirements and reserves the right to amend this listing based on the identification of additional standards for students.

The following essential functions must be met by all students after acceptance into the major in order to complete the program. In the event that a student is unable or becomes unable to fulfill these technical standards with or without reasonable accommodations, the student cannot enroll or remain enrolled in the program. Following acceptance into the program, students are required to verify that they understand and meet these standards or that they believe that, with certain accommodations, they can meet the standards. For students who believe they can meet these standards with accommodation, the KSU Ashtabula Student Disabilities Coordinator will validate their need for accommodation and will work with the program to determine if reasonable accommodation can be made. This accommodation will take into account whether accommodation would jeopardize technologist/patient safety or undercut an essential element of a course or clinical experience.

Radiologic Technology students must demonstrate:

- 1. Sufficient communication skills to communicate effectively and sensitively with patients, health care professionals and the public, including individuals from different cultural and social backgrounds and in stressful and emergency situations. Students must be able to understand and speak the English language at a level consistent with competent professional practice. Must be able to document patient information legibly and accurately.
- 2. Sufficient sight to read requisitions and charts, observe conditions of the patient in low levels of light; to evaluate medical images on view boxes and on computer screens and to record information clearly and accurately.
- 3. Sufficient hearing to interact with and respond to patients as well as to the audible sounds of equipment.
- 4. Ability to stand and walk while assigned to a clinical education setting so as to perform medical imaging procedures in an appropriate and effective manner.
- 5. Ability to lift, assist and maneuver patients in wheelchairs, carts and imaging tables without injury to patient, self or other healthcare workers and to respond to medical emergencies in an effective manner. Have sufficient motor skills to manipulate and reach equipment and to operate small controls on equipment. Must be able to lift a minimum of 20 pounds to shoulder height. Perform CPR, first aid and general patient care.
- 6. Ability to assimilate, analyze, synthesize, integrate concepts and problem solve that form the basis of medical imaging and to be able to distinguish deviations from the norm.
- 7. Have the intellectual and emotional skills to exercise discretion in handling confidential medical information.
- 8. Have the cognitive ability to perceive and deal appropriately with environmental threats and stresses and continue to function safely and effectively during high stress periods.
- 9. Able to protect oneself and others from hazards in the health care environment, such as infectious disease, contaminated equipment, sharp instruments, chemical fumes, magnetic fields and radiation.

N. Pregnancy Policy

For Applicants and Students Enrolled in the Radiologic Technology Program

If a student chooses to declare her pregnancy, she is allowed to make an informed decision based on her individual needs and preferences. The University offers the following options:

Written notice of voluntary declaration: The female student would provide written notification of the pregnancy to the program director. It would indicate the expected due date. If the student chooses to disclose her pregnancy, she must immediately notify the Clinical Coordinator and the Program Director. The student will be provided with <u>Regulatory Guide 8.13 Instruction Concerning Prenatal Radiation Exposure</u> with its appendix of the United States Nuclear Regulatory Commission. The student must then sign a witnessed "Attest" form that was read and discussed. In the absence of this voluntary, written disclosure, a student cannot be considered pregnant.

The student will also be required to follow the <u>National Council on Radiation Protection</u> and measurement (NCRP) dose limits for the embryo and fetus in occupational exposed women, which is no more than 0.5 rem during the entire gestational period and no more than .05 rem in any month, both with respect to the fetus. It is the policy of the program to instruct all students on radiation protection procedures with respect to the embryo/fetus.

Voluntary declaration has the following options:

- **a. Continuing the educational program with modification** in clinical assignments. The program would offer clinical component options such as clinical reassignments from areas such as fluoroscopy, mobile procedures, and nuclear medicine.
 - 1) The student who chooses to disclose her pregnancy and continue at the clinical site will be required to purchase and wear an additional dosimeter for fetal dose measurement if the clinical site does not provide a dosimeter for her.
 - 2) Any time missed from clinical education must be made up per the attendance policy. Graduation depends on the student meeting all didactic and clinical requirements.
- **b. Continuing the educational program without modification** in clinical assignment or interruption. The clinical coordinator would maintain the standard clinical rotations through all areas.
- c. Leave of Absence from the program: If the student takes a leave of absence from the program, the place of re-entry would depend on many factors. Students may be placed at the beginning of the program or somewhere within the program based on their academic and clinical status and standing when leaving.

Option for written withdrawal of declaration: A student may withdraw declaration of pregnancy at any time during the pregnancy. The revocation of pregnancy declaration notifies the program of the student's choice to revoke her previous election to apply federal and/or state radiation dose limits to an embryo/fetus as a condition of her radiation related clinical experiences in the program.

Neither Kent State University Ashtabula Campus nor the student's assigned Clinical Education Setting will be responsible for radiation injury to the student or the embryo/fetus if the student chooses to continue in the program during pregnancy.

Policy: 1992. Last revision: 2019.

O. Curriculum: Developmental and General Studies Courses

The radiologic technology curriculum is provided by the American Society of Radiologic Technologists (www.asrt.org). It is two years in length once accepted into the program. However, applicants are encouraged to take the following courses **prior to program admission**. Accepted students may then focus on the radiologic technology courses while in the program, leading to greater success. Completion of these courses does not guarantee admission into the program.

1. Developmental Courses

The following is a list of developmental courses that may be required for the applicant to take based on the scores achieved on the Basic Skill Assessment Test (COMPASS) and ALEKS computerized testing or ACT scores. This test is done for placement in English and Math courses. All developmental courses must be completed within the first 29 hours of coursework at Kent State University and all attempts to complete these courses should be made prior to admission into the radiologic technology program. Applicants requiring developmental coursework who have not completed any of the general courses may not be accepted into the program because of the course overload required. Instead, the applicant should complete required courses and reapply the following year.

- US 00003 Reading Strategies
- US 00006 Study Strategies
- ENG 01001 Introduction to College Writing-S (Stretch)
- MATH 00020, 00021, 00022, 00023 Pre-Algebra, Basic Algebra I-III
 Each module is 7½ weeks in fall or spring with student working at own pace.
 MATH 00024 is required only for those pursuing Algebra for Calculus.

2. Required General Courses

The following courses may be taken **prior to** admission into the program OR **during** the course sequence for the Associate of Applied Science in Radiologic Technology as long as the applicant meets program admission requirements in algebra and chemistry.

- US 10097 Destination Kent: First Year Experience
- CHEM 10055 Molecules of Life OR
- CHEM 10050 Fundamentals of Chemistry
- ENG 11011 College Writing I or ENG 11002 College Writing I Stretch
- HED 14020 Medical Terminology OR
- AHS 24010 Medical Terminology
- MATH 11009 Modeling Algebra <u>OR</u> MATH 11010 Algebra for Calculus (MATH 11010 is only required for students applying for Radiation Therapy in the Bachelor of Radiologic and Imaging Sciences degree)
- PSYC 11762 General Psychology
- One Kent Core Humanities or Fine Art course (see page 15)

3. Recommended (but not required) courses prior to program start:

- BSCI 10001 Human Biology (if transcript shows only one biology course or a low biology grade in high school or college)
- CHEM 10030 Chemistry in Our World (if transcript shows no high school chemistry or a low chemistry grade in high school or college)
- PHY 11030 7 Ideas that Shook the Universe or PHY 21430 Frontiers in Astronomy for those with only one biology or one chemistry course.
- **4. Transfer Courses:** go to www.kent.edu/transfercenter to check information about course transfers from other colleges or universities in Ohio or other states. Student transcripts are evaluated by the Transfer Center at the Kent Campus. Approximately 70% of the transfer course content must match the equivalent course at Kent.

P. Radiologic Technology Two Year Sequence of Courses for 2021-2023

Semester Course Number Course Name Hrs. Campus or Clinica			T		
Second Yr. Summer II Semester				Sem.	Days of the Week for
Sammer Semester Semester Sum 1 RADT 14005 Sum III RADT 14006 Radiographic Procedures I 1 Th, F Th, F Th RADT 14005 RADT 14005 RADT 14006 RADT 14006 Radiographic Procedures I 1 Th, F Th, Th, F Th,					Campus or Clinical**
Semester Sum I RADT 14003 Mirroduction to Radiologic Technology 1 Th, F Sum III RADT 14005 Clinical Education I 1 Th, F Th, T Th,					See course schedules
Sum I			*Medical Terminology		See course schedules
Sum II			*Destination Kent State 1 st Year Experience		See course schedules
Sum III					
First Year Fall					
First Year Fall	Sum III	RADT 14006	Radiographic Procedures I		
Fall Semester					
Semester				3	
RADT 14021 Radiographic Procedures II 4 T, Th Total for Fall					
RADT 14021 Radiographic Procedures II 4 T, Th Total for Fall	Semester			2	
Semester *CHEM 10055 or Spring *CHEM 10050 or Spring or Spring *CHEM 10050 or Spring or Spring or Spring or Spring or Spring *CHEM 10050 or Spring or Spring or Spring or Spring or Spring *CHEM 10050 or Spring or Spring or Spring or Spring or Spring *CHEM 10050 or Spring o			Imaging Equipment	2	T, Th
First Year Spring Semester **CHEM 10050 **Semester **RADT 14024 RADT 14025 RADT 14034 **Fundamentals of Chemistry Foundational Anatomy & Physiology II RADT 14034 **Second Yr. Summer II Semester **Hum/Fine Art **Kent Core Humanities or Fine Art **Algebra for Calculus Semester **Algebra for Calculus Semester **Algebra for Calculus RADT 24008 AHS 24014 RADT 24016 RADT 24018 **Second Yr. Spring **ENG 11011 Semester **ENG 11011 Semester **ENG 11011 Semester **CHEM 10055 or **Fundamentals of Chemistry Foundational Anatomy & Physiology II Radiographic Procedures III A Total for Spring Total for Spring Second Yr. See course schedus Radiobiology and Radiation Protection RADT 24018 Clinical Education V **Algebra for Calculus Radiologic Physics RADT 24016 RADT 24018 Clinical Education V **Algebra for Calculus Radiologic Physics RADT 24018 Clinical Education V **Algebra for Calculus Radiologic Physics RADT 24018 Clinical Education V **Total for Fall **CHEM 10050 **Fundamentals of Chemistry **Th Total for Spring **See course schedus **See course schedus **Algebra **Algebra for Calculus Radiologic Physics RADT 24018 Clinical Education V **Total for Fall **General Psychology See course schedus **See course schedus **Algebra for Calculus **Algebra for Calculus **Algebra for Calculus **Algebra for Calculus **See course schedus **Algebra for Calculus **Algebra for Calculus **Algebra for Calculus **Algebra for Calculus **See course schedus ***Algebra for Calculus ****Algebra for Calculus ****Algebra for Calculus ****Algebra for Calculus *****Algebra for Calculus ***********************************		RADT 14021	Radiographic Procedures II		
Spring Semester **CHEM 10050 ABSCI 11020 RADT 14024 RADT 14025 RADT 14025 RADT 14025 RADT 14034 Second Yr. Summer II Semester **MATH 11009 Fall Semester **Algebra for Calculus Second Yr. RADT 24016 RADT 24018 Radiologic Physics RADT 24018 Clinical Education V **Algebra for Calculus Second Yr. RADT 24018 Clinical Education V **Algebra for Calculus Second Yr. RADT 24016 Radiologic Physics Second Yr. Spring **ENG 11011 **College Writing I Second Yr. Spring **ENG 11011 **College Writing I Semester **ADT 24025 Clinical Education VI AHS 24028 RADT 24048 RADT 24048 Elective: Radiologic Techniques RADT 24058 Elective: Diversified Employment Skills **W, F RADT 24058 Elective: Diversified Employment Skills **W, F RADT 24058 **W, F RADT 24058 **W, F RADT 24058 **Secourse schedus **W, F RADT 24048 **Secourse schedus **General Psychology *					
Semester	First Year			3	
RADT 14024 RADT 14025 RADT 14034 RADT 14035 Second Yr. Summer II Semester RADT 14075 Second Yr. Fall Semester RADT 14075 RADT 14075 Semester RADT 14075 RA	Spring			3	
RADT 14025 RADT 14034 Clinical Éducation III Image Acquisition and Processing Second Yr. Summer II Semester *Hum/Fine Art *Kent Core Humanities or Fine Art Second Yr. Fall Semester *MATH 11010 Semester *ADT 24008 RADT 24008 RADT 24016 RADT 24016 RADT 24018 Second Yr. Spring Second Yr. Spring **Clinical Education IV **Modeling Algebra **Algebra for Calculus Radiobiology and Radiation Protection RADT 24018 Second Yr. Spring **Algebra for Calculus Radiobiology and Radiation Protection RADT 24018 Second Yr. Spring **Clinical Education V **College Writing I Second Yr. Spring **PSYC 11762 Semester RADT 24025 RADT 24048 RADT 24058 RADT 24058 RADT 24058 RADT 24058 Elective: Diversified Employment Skills **M, W, F Total for Summe **See course schedus **Algebra **Alge	Semester		Foundational Anatomy & Physiology II	3	
RADT 14034 Image Acquisition and Processing Second Yr. Summer II Semester *Hum/Fine Art *Kent Core Humanities or Fine Art 3 See course schedule			Radiographic Procedures III		
Second Yr. Summer II Semester *Hum/Fine Art *Kent Core Humanities or Fine Art 3 See course schedules and the seed of the seed				3	
Second Yr. Summer II Semester *Hum/Fine Art *Kent Core Humanities or Fine Art 3 See course schedules and See course sched		RADT 14034	Image Acquisition and Processing	2	
Summer II Semester *Hum/Fine Art *Kent Core Humanities or Fine Art 3 See course schedules Second Yr. Fall or *MATH 11009					
Semester *Hum/Fine Art *Kent Core Humanities or Fine Art 3 See course schedules 5 Total for Summe 5 Total for Fall To	Second Yr.	RADT 14075	Clinical Education IV	2	
Second Yr. *MATH 11009 **Modeling Algebra 4 or See course schedules for Calculus 3 See course schedules for Calculus 4 See course schedules for Calculus 5 See course schedules for Calculus 6 See course schedules for Calculus 7 See for Calculus 7 See for Calculus 8 See course schedules for Calculus 8 See for Calculus 9 See for See for Calculus 9	Summer II				M, T, W, F clinicals
Second Yr. Fall or *MATH 11009 **Modeling Algebra for Calculus	Semester	*Hum/Fine Art	*Kent Core Humanities or Fine Art		See course schedules
Fall Semester RADT 24008 Radiobiology and Radiation Protection AHS 24014 RADT 24016 RADT 24018 Clinical Education V Second Yr. Spring PSYC 11762 Semester RADT 24025 AHS 24028 RADT 24048 RADT 24058 Elective: Radiologic Techniques RADT 24058 Elective: Diversified Employment Skills See course schedules and W, F See course schedules and France Advanced Imaging and France Advanced Imaging and France Advanced Imaging and Radiation Protection W, F W, F Total for Fall See course schedules and France Advanced Imaging and France Advanced Imaging and France Advanced Imaging and Radiation Protection W, F Total for Fall W, F W, F W, F W, F See course schedules and France Advanced Imaging and France Advanced Imaging and Radiation Protection W, F W,					Total for Summer
SemesterRADT AHS RADT RADT RADT 24016 RADT RADT 24018Radiobiology and Radiation Protection Advanced Imaging Radiologic Physics RADT 240183 Clinical Education VW, F 3 M, T, ThSecond Yr.*ENG *PSYC 11762 Semester11011 *General Psychology RADT AHS AHS RADT 24028 RADT RADT ADT 24048 RADT 24058*Clinical Education VI Athology in Medical Imaging Radiologic Techniques Radiologic Te			**Modeling Algebra		See course schedules
AHS 24014 Advanced Imaging 2 W, F RADT 24016 Radiologic Physics 3 W, F RADT 24018 Clinical Education V 3 M, T, Th Second Yr. *ENG 11011 *College Writing I 3 See course schedu Spring *PSYC 11762 *General Psychology 3 See course schedu Semester RADT 24025 Clinical Education VI 3 M, T, Th AHS 24028 Pathology in Medical Imaging 3 W, F RADT 24048 RADT 24058 Elective: Radiologic Techniques RADT 24058 Elective: Diversified Employment Skills 3 W, F	Fall		**Algebra for Calculus	3	See course schedules
RADT 24018 Clinical Education V 3 M, T, Th Second Yr. Spring *PSYC 11762 *General Psychology 3 See course schedules Semester RADT 24025 Clinical Education VI AHS 24028 RADT 24048 RADT 24058 Elective: Radiologic Techniques RADT 24058 Elective: Diversified Employment Skills 3 M, F	Semester			3	
RADT 24018 Clinical Education V 3 M, T, Th Second Yr. Spring *PSYC 11762 *General Psychology 3 See course schedules Semester RADT 24025 Clinical Education VI AHS 24028 RADT 24048 RADT 24058 Elective: Radiologic Techniques RADT 24058 Elective: Diversified Employment Skills 3 M, F				2	
RADT 24018 Clinical Education V 3 M, T, Th Second Yr. Spring *PSYC 11762 *General Psychology 3 See course schedules Semester RADT 24025 Clinical Education VI AHS 24028 RADT 24048 RADT 24058 Elective: Radiologic Techniques RADT 24058 Elective: Diversified Employment Skills 3 M, F			Radiologic Physics	3	W, F
Second Yr. Spring *PSYC 11762 *General Psychology 3 See course schedul Semester RADT 24025 AHS 24028 RADT 24048 RADT 24058 RADT 24058 Elective: Radiologic Techniques RADT 24058 Elective: Diversified Employment Skills 3 See course schedul See		RADT 24018	Clinical Education V	3	
Semester RADT 24025 Clinical Education VI RADT 24028 RADT 24048 RADT 24058 RADT 24058 Elective: Radiologic Techniques RADT 24058 Elective: Diversified Employment Skills RADT 24058 See course schedules Mr. T. Th. See Course schedules Mr. Th					Total for Fall
Spring Semester RADT 24025 Clinical Education VI AHS 24028 RADT 24048 RADT 24058 See course scheduly 3 M, T, Th W, F Elective: Radiologic Techniques 3 W, F Elective: Diversified Employment Skills 3 W, F			*College Writing I	3	See course schedules
AHS 24028 Pathology in Medical Imaging 3 W, F RADT 24048 Elective: Radiologic Techniques 3 W, F RADT 24058 Elective: Diversified Employment Skills 3 W, F	Spring		*General Psychology	3	See course schedule
AHS 24028 Pathology in Medical Imaging 3 W, F RADT 24048 Elective: Radiologic Techniques 3 W, F RADT 24058 Elective: Diversified Employment Skills 3 W, F			Clinical Education VI	3	
RADT 24048 Elective: Radiologic Techniques 3 W, F RADT 24058 Elective: Diversified Employment Skills 3 W, F				3	W, F
RADT 24058 Elective: Diversified Employment Skills 3 W, F			Elective: Radiologic Techniques	3	W, F
12 Total for Spring		RADT 24058	Elective: Diversified Employment Skills		
				12	Total for Spring
66 Total Program Hours				66	Total Program

^{*} Courses marked with an * may be taken prior to entry or during the Radiologic Technology program. Students should seek advisement from the Radiologic Technology Program Director for these courses. All RADT courses require admittance to the program and must follow the stated sequence.

Note: Students will be assigned clinical rotations for some weekend, afternoon and midnight shifts throughout the program. Each clinical education day is approximately 8 hours long with lunch included.

[^]Students who have previously completed BSCI 20020, Structure &Function (no longer offered at KSU) or BSCI 21010/21020 Anatomy and Physiology I/II or ATTR/EXSC 25057/25058 Human Anatomy and Physiology I/II are exempt from BSCI 11010 & 11020 if taken within the past five years prior to admission to the program.

^{**}Students pursuing radiation therapy should take MATH 11010, Algebra for Calculus in lieu of MATH 11009.

Q. KENT STATE UNIVERSITY 2019-2020 KENT CORE REQUIREMENTS

2019-2020 KENT STATE UNIVERSITY REQUIREMENTS

KENT CORE REQUIREMENT FOR A.A.B., A.A.S. AND A.T.S. DEGREES

As part of the requirements for an Associate of Applied Business, Associate of Applied Science or Associate of Technical Study degree, students complete minimum 15 credit hours from the Kent Core. Visit the <u>University Catalog</u> (Undergraduate University Requirements) for information on transfer, proficiency and other options to meet the Kent Core. **LEGEND – G:** Global Diversity; **D:** Domestic Diversity; **TM:** Ohio Transfer Module

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COMPOSITION (KCMP) 3 credit hours
TM ENG 11011 College Writing I (3)
                                                                                                                                 SOCIAL SCIENCES (KSS) 3 credit hours

G TM ANTH 18210 Global Cultural Diversity: Anthropological Perspectives (3)
        or ENG 11002 College Writing I-Stretch (3)
                                                                                                                                 G TM ANTH 18420 Archaeology: Ancient Lives and Cultures (3)
       ENG 21011 College Writing II (3)
HONR 10197 Freshman Honors Colloquium I (1-4)
                                                                                                                                   TM CRIM 26704 Issues in Law and Society (3)
TM ECON 22060 Principles of Microeconomics (3)
        HONR 10297 Freshman Honors Colloquium II (1-4)
                                                                                                                                                                Principles of Macroeconomics (3)
                                                                                                                                         ECON 22061
                                                                                                                                                               Introduction to Geography (3)
                                                                                                                                    ™ GEOG 10160
        MATHEMATICS AND CRITICAL REASONING (KMCR) 3 credit hours)
                                                                                                                                                               World Geography (3)
Geography of the United States and Canada (3)
                                                                                                                                 GTM GFOG 17063
  CS 10051 Introduction to Computer Science (4)

MATH 10041 Introductory Statistics (4) *
                                                                                                                                 D™ GEOG 17064
                                                                                                                                 G ™ GEOG 22061
                                                                                                                                                               Human Geography (3)
       or MATH 10040 Introductory Statistics Plus (5) MATH 10051 Quantitative Reasoning (4) *
                                                                                                                                 D TM GERO 14029
D TM JMC 20001
                                                                                                                                                               Introduction to Gerontology (3)
Media, Power and Culture (3)
        or MATH 10050 Quantitative Reasoning Plus (5)
                                                                                                                                 DTM PACS
                                                                                                                                                    11001
                                                                                                                                                                Introduction to Conflict Management (3)
  MATH 11009 Explorations in Modern Mathematics (3)
MATH 11009 Modeling Algebra (4) *
or MATH 10772 Modeling Algebra Plus (5)

TM MATH 11010 Algebra for Calculus (3) *
or MATH 10675 Algebra for Calculus Boost (5)
or MATH 10774 Algebra for Calculus Stretch II (3)
                                                                                                                                                               Comparative Politics (3)
American Politics (3)
                                                                                                                                 GTM POL
                                                                                                                                                    10004
                                                                                                                                 DTM POL
                                                                                                                                                    10100
                                                                                                                                         POL
                                                                                                                                                                World Politics (3)
                                                                                                                                 G TM
                                                                                                                                                    10500
                                                                                                                                 DTM PSYC
                                                                                                                                                    11762
                                                                                                                                                                General Psychology (3)
                                                                                                                                                               Child Psychology (3)
Psychology of Everyday Life (3)
                                                                                                                                                    20651
                                                                                                                                 DTM PSYC 21211
                                                                                                                                 D TM SOC 12050 Introduction to Sociol GTM SOC 22778 Social Problems (3)
         or MATH 10775 Algebra for Calculus Plus (4)
                                                                                                                                                    12050 Introduction to Sociology (3)
  TM MATH 11012 Intuitive Calculus (3)
TM MATH 11022 Trigonometry (3)
  TM MATH 12002 Analytic Geometry and Calculus I (5)

M MATH 12011 Calculus with Precalculus I (3)

M MATH 12012 Calculus with Precalculus II (3)
                                                                                                                                          BASIC SCIENCES (KBS / KLAB) 3 credit hours
                                                                                                                                         Students taking a 1-credit lab must take the related lecture course in the same or previous term
       MATH 12012 Calculus with Precalculus II (3)
MATH 14001 Basic Mathematical Concepts I (4) *

or MATH 10771 Basic Mathematical Concepts I Plus (5)
MATH 14002 Basic Mathematical Concepts II (4)
PHIL 21002 Introduction to Formal Logic (3)
                                                                                                                                        ANTH 18630 Human Evolution (3)
                                                                                                                              LAB TM ANTH 18631 Issues in Human Evolution (1)

LAB TM ANTH 18631 Issues in Human Evolution (1)

LAB TM 25057 Human Anatomy and Physiology I (4) *

LAB Or EXSC 25057 Human Anatomy and Physiology II (4)

LAB ATTR 25058 Human Anatomy and Physiology II (4) *

LAB OR EXSC 25058 Human Anatomy and Physiology II (4) *

TM 8501 10001 Human Biology (3)
        HUMANITIES AND FINE ARTS (KHUM / KFA) 3 credit hours
                                                                                                                                                    10001 Human Biology (3)
        Humanities in Arts and Sciences
                                                                                                                                    ™ BSCI
        CLAS 21404 The Greek Achievement (3)
                                                                                                                                    TM BSCI
                                                                                                                                                    10002 Life on Planet Earth (3)
       CLAS
ENG
                   21405 The Roman Achievement (3)
21054 Introduction to Shakespeare (3)
                                                                                                                                                    10003 Laboratory Experience in Biology (1) 10110 Biological Diversity (4) **
GTM
                                                                                                                               LAB TM BSCI
                                                                                                                                  LAB BSCI
  TM
                                                                                                                                                    10120 Biological Foundations (4) **
       ENG
                    22071
                              Great Books to 1700 (3)
                                                                                                                                   LAB BSCI
                                                                                                                                                   11010 Foundational Anatomy and Physiology I (3) **
11020 Foundational Anatomy and Physiology II (3) **
21010 Anatomy and Physiology I (4) **
                   22072 Great Books Since 1700 (3)
22073 Major Modern Writers: British and United States (3)
  TM
       FNG
                                                                                                                                  LAR BSCI
        ENG
                                                                                                                                  LAB BSCI
  TM
                               World History: Ancient and Medieval (3)
       HIST
                    11050
                                                                                                                                         BSCI
                                                                                                                              IM CHEM 10030 Chemistry in Our World (3)

CHEM 10 CHEM 10031 Chemistry in Our World Laboratory (1)

CHEM 10050 Fundamentals of Chemistry (3)*
GTM
       HIST
                    11051
                              World History: Modern (3)
Early America: From Pre-Colonization to Civil War
DIM HIST
                    12070
                              Early America: From Pre-Colonization to Civil War and Reconstruction (3)
Modern America: From Industrialization to Globalization (3)
Black Experience II: 1865 to Present (3)
                                                                                                                              CHEM 10050 Fundamentals or Chemistry (a) or CHEM10060 General Chemistry I (4) **
or CHEM10970 Honors General Chemistry I (4) **

TM CHEM 10052 Introduction to Organic Chemistry (2)

CHEM 10053 Inorganic and Organic Laboratory (1) *

CHEM 10053 Capacal Chemistry I Laboratory (1) *
DTM HIST
                    12071
GTM PAS
                    23001
       PAS
                    23002
D TM
       PHIL
                    11001
                               Introduction to Philosophy (3)
GTM
                   21001 Introduction to Ethics (3)
11020 Introduction to World Religions (3)
                                                                                                                                  LAB or CHEM10062 General Chemistry I Laboratory (1) **
LAB or CHEM10063 General Chemistry II Laboratory (1) **
GTM
       PHIL
        REL
GTM
                    21021 Moses, Jesus and Mohammad (3)
                                                                                                                                         CHEM 10055 Molecules of Life (3)
                                                                                                                                         CHEM 10061 General Chemistry II (4) *

or CHEM10971 Honors General Chemistry II (4) **
       Humanities in Communication and Information
COMM 26000 Criticism of Public Discourse (3)
                                                                                                                                         GEOG 21062 Physical Geography (3)
        Fine Arts
  TM ARCH 10001 Understanding Architecture (3)
TM ARCH 10011 Global Architectural History I (3)
                                                                                                                              LAB TM GEOG 21063 Physical Geography Laboratory (1)

M GEOL 11040 How the Earth Works (3)

LAB TM GEOL 11041 How the Earth Works Laboratory (1)
                               Global Architectural History II (3)
                                                                                                                                                               How the Earth Works Laboratory (1)
       ARCH
                   10012
                                                                                                                                                               Earth and Life Through Time (3)
Earth and Life Through Time Laboratory (1)
Environmental Earth Science (3)
       ARTH
                    12001
                              Art as a World Phenomenon (3)
                                                                                                                                    ™ GEOL 11042
                   22006 Art History: Ancient and Medieval Art (3)
22007 Art History: Renaissance to Modern Art (3)
22020 Art of Africa, Oceania and the Americas (3)
  TM
       ARTH
                                                                                                                              LAB TM GEOL 11043
TM GEOL 21062
       ARTH
                                                                                                                                        GEOL
                                                                                                                                                    21080
                                                                                                                                                                All About the Oceans (3)
       ARTH
                                                                                                                                    MT
                   27076 Dance as an Art Form (3)
22111 The Understanding of Music (3)
22121 Music as a World Phenomenon (3)
                                                                                                                                                               Science of Human Nutrition (3)
Seven Ideas that Shook the Universe (3)
GTM DAN
                                                                                                                                         NUTR
                                                                                                                                                    23511
  TM MUS
                                                                                                                                    TM PHY
                                                                                                                                                    11030
                                                                                                                                                                Technical Physics I (3) **
                                                                                                                                         PHY
                                                                                                                                                     12201
                                                                                                                                                                Technical Physics II (4) **
       THEA
                   11000 The Art of the Theatre (3)
                                                                                                                                   LAB
                                                                                                                                         PHY
                                                                                                                                                    12202
                                                                                                                                    TM PHY
                                                                                                                                                               General College Physics I (4)
General College Physics II (4)
                                                                                                                                                     13001
                                                                                                                                    TM
                                                                                                                                         PHY
                                                                                                                                                     13002
                                                                                                                                                               College Physics I (2)
College Physics II (2)
General College Physics Laboratory I (1)
           Courses separated by an "or" are equivalent or have overlapping content;
                                                                                                                                    MT
                                                                                                                                         PHY
                                                                                                                                                     13011
        only one course can be used towards graduation.

** Science-related major course; NOT recommended for non-science majors.
                                                                                                                                    TM PHY
                                                                                                                                                     13012
                                                                                                                               LAB TM
                                                                                                                                         PHY
                                                                                                                                                     13021
                                                                                                                               LAB TM
                                                                                                                                        PHY
                                                                                                                                                     13022
                                                                                                                                                                General College Physics Laboratory II (1)
                                          FIRST-YEAR REQUIREMENT
                                                                                                                                   TM PHY
                                                                                                                                                    21040
                                                                                                                                                                Physics in Entertainment and the Arts (3)
        All undergraduate students are required to complete UC 10097 Destination
                                                                                                                                                                Physics in Entertainment and the Arts Laboratory (1)
                                                                                                                               LARITM PHY
                                                                                                                                                    21041
                                                                                                                                                    21430 Frontiers in Astronomy (3)
        Kent State: First Year Experience (1 credit) with the following exceptions:
                                                                                                                                   TM PHY
                                                                                                                                                              Frontiers in Astronomy Laboratory (1)
        (a) students designated by Kent State admissions as adult (21 years or older);
                                                                                                                               LAB TM PHY
                                                                                                                                                    21431
        or (b) students who transfer 25 or more semester credit hours, excluding credit earned through College Credit Plus.
                                                                                                                                  LAB PHY
                                                                                                                                                    23101
                                                                                                                                                                General University Physics I (5)
                                                                                                                                                               General University Physics II (5) **
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R. Program Schedule*

- 1. <u>Summer I of the first year (5 weeks)</u>: Radiologic Technology courses are scheduled during daytime hours on Tuesday-Friday. Time of classes will vary each day.
- 2. <u>Summer III of the first year (5 weeks)</u>: A Radiologic Technology course and labs are scheduled on Tuesdays & Wednesdays. Students attend their clinical education site on Thursdays and Fridays.
- 3. Fall and spring semesters of the first year (15 weeks each): Radiologic Technology and Biology courses and labs are scheduled during daytime hours on Tuesdays and Thursdays. Students attend their clinical education site on Mondays, Wednesdays and Fridays.
- 4. <u>Summer II of the second year (8 weeks)</u>: Students attend the Ashtabula campus on Thursdays and attend their clinical education site on Mondays, Tuesdays, Wednesdays and Fridays.
- 5. <u>Fall and spring semesters of the second year (15 weeks each)</u>: Radiologic Technology courses are scheduled on Wednesdays and Fridays. Students attend their clinical education site on Mondays, Tuesdays and Thursdays.

Clinical assignments consist of 7.5 hour days. The majority of assignments are during daytime shifts however students are assigned to a limited amount of afternoon and midnight shifts during the program. If a student is employed (i.e., McDonalds, Giant Eagle, etc.), the work hours must be scheduled around the program's clinical schedule.

Most clinical sites require students to be non-smokers.

S. National Certification and State License Requirements

1. <u>National Certification Requirements</u>

After successful completion of all degree requirements, graduates of the program will be permitted to take the American Registry of Radiologic Technologists (www.arrt.org) certification examination upon authorization of the program director. Application fee: \$200.

Students who have been **convicted of a misdemeanor or felony crime** may or may not be able to take this examination based on a review by the ARRT ethics review board that determines eligibility. An application to this review board would be completed at the start of the program for those students accepted into the program who have a conviction. The ARRT web site (www.arrt.org) has more information under their Ethics tab.

2. <u>State Licensing Requirements</u>:

Graduates of the program who wish to be employed in the state of Ohio must obtain a state license as a radiographer from the Ohio Department of Health. Application fee: \$65.

T. Other Program Fees:

Tuition \$17,542.51 (entire two years) *approximately

Course Fees \$268.00 (Patient Care Management: \$28; Clinical Education I-VI:

\$40 for each course. These fees pay for supplies and radiation monitoring badges.) *included in tuition cost

Books \$1,868.00 (ENTIRE TWO YEARS – cost includes Related Course

Books & General Course Books (Kent Core & electives)

Application Fee \$40.00 (application to KSUA)

CastleBranch Account \$35.00 (two years)

Background Check\$78.00CPR\$40.00Physical & Drug Screen\$100.00

Uniforms \$250.00-\$300.00 (two years)

OSRT (membership) \$30.00 (two years)

ARRT Exam \$200.00 **Ohio License** \$65.00

Approximate Program Cost: \$20,420.51 Entire two-year program

U. Student Commitment

- 1. The Radiologic Technology program at Kent State University Ashtabula Campus is a rigorous and comprehensive combination of academic course work, lab practice, competency demonstration and clinical education. Students must achieve a minimum of a 'C' (2.0) grade in all "core" and designated coursework. Courses in which a 'D' or 'F' grade was earned will result in program dismissal.
- 2. An extensive amount of verbal, non-verbal and written communication is required as well as critical thinking, problem solving, organization, and time management skills.
- 3. Regular attendance, study and active participation in all aspects of academic coursework is critical to the student's retention of information and academic success. The program's attendance policies for class and clinicals are more stringent than the overall University policy. Course grades are lowered for poor attendance. Students should pay special attention to the University Calendar to review holidays and breaks between semesters. Students should utilize this time for vacation.
- 4. While enrolled in clinical semesters, students are assigned rotations at one of the program's clinical education sites. The hours for clinical education vary by semester and clinical site but require the student to attend an approximate 7.5 hour day. Therefore, full-time employment is impossible. Part time employment must be scheduled so as not to interfere with class, lab and clinical hours. It is recommended that part time hours not exceed 20 hours per week to be successful in the program. Flexibility in one's work schedule is essential.
- 5. Clinical rotation schedules will be provided to students in advance to allow for planning work and personal schedules. During the course of the entire clinical education, students should expect to rotate to different clinical sites in the area. Students must have reliable transportation and must be willing to commute to new or unfamiliar locations.
- 6. Job availability in radiography is cyclical in nature. The majority of previous graduates have secured part time positions but some relocated to other areas within the state and several graduates have relocated outside the state. The program does not guarantee job placement but does inform graduates of employment opportunities when notified.

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Cell Phones: must be stowed away when completing your job shadowing experience.

Signature of applicant _____

Form to be submitted to:

Gail Schroeder, Radiology Fax: 440-964-4355

Kent State Ashtabula Campus 3300 Lake Road West Ashtabula, Ohio 44004

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Kent State University Ashtabula Campus Associate of Applied Science Degree in Radiologic Technology 2021 Job Shadowing Evaluation Form

Part I—Applicant: Print your name and circle the number of hours shadowed below, sign the waiver statement and submit this form to the Radiologic Technologist observing you.

Applicant's Name		Circle Number of Ho	Circle Number of Hours Shadowed: 4 or 8		
(La	ast Name, First Name)				
Applicant's Preferred	Phone Number	Email			
Waiver: I waive the	right to review this complete	ed form in order to afford an unk	piased evaluation.		
Signature of Applican	ıt	Date	9		
	Please complete the informatee. Fax to number below by	tion below. The form will be revi February 1 st deadline.	iewed and kept confidential l		
ame of Facility					
	Please circle the characteri	stic that best evaluates the appl	icant during this shadowing:		
Arrival Time	Applicant arrived on time	Applicant was 5 minutes late	Applicant was late 10 or more minutes		
Professional Appearance	Appearance was appropriate	Appearance was somewhat appropriate	Appearance was inappropriate		
Interest in radiology procedures	Applicant showed a great deal of interest in the procedures performed	Applicant was somewhat interested in the procedures performed	Applicant showed little interest in the procedures performed		
Concern for the Patient	Applicant showed concern for the patient	Applicant showed some concern for the patient	Applicant showed little concern for the patient		
Communication Skills	Communication skills were excellent	Communication skills were average/fair	Communication skills were poor		
Professional Conduct	Professional conduct was appropriate	Professional conduct was somewhat acceptable	Professional conduct was inappropriate		
Overall Impression	Applicant made a very good impression	Applicant made a good impression	Applicant made a poor impression		
omments:					
inted Name of Evaluatir	ng Technologist				
echnologist Signature			Date		

Technologist may fax this form to Gail Schroeder at 440-964-4355

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Kent State University Ashtabula Campus Associate of Applied Science Degree in Radiologic Technology 2021 Job Shadowing Evaluation Form

Part I—Applicant: Print your name and circle the number of hours shadowed below, sign the waiver statement and submit this form to the Radiologic Technologist observing you.

Applicant's Name	st Name, First Name)	Circle Number of Hours Shadowed: 4 or 8		
(La	st Name, First Name)			
Applicant's Preferred	Phone Number	Email		
Waiver: I waive the	right to review this complet	ed form in order to afford an unb	iased evaluation.	
Signature of Applican	t	Date)	
_	lease complete the informa ee. Fax to number below by	tion below. The form will be revi y February 1 st deadline.	ewed and kept confidential b	
Name of Facility				
	Please circle the characteri	istic that best evaluates the appl	icant during this shadowing:	
Arrival Time	Applicant arrived on time	Applicant was 5 minutes late	Applicant was late 10 or more minutes	
Professional Appearance	Appearance was appropriate	Appearance was somewhat appropriate	Appearance was inappropriate	
Interest in radiology procedures	Applicant showed a great deal of interest in the procedures performed	Applicant was somewhat interested in the procedures performed	Applicant showed little interest in the procedures performed	
Concern for the Patient	Applicant showed concern for the patient	Applicant showed some concern for the patient	Applicant showed little concern for the patient	
Communication Skills	Communication skills were excellent	Communication skills were average/fair	Communication skills were poor	
Professional Conduct	Professional conduct was appropriate	Professional conduct was somewhat acceptable	Professional conduct was inappropriate	
Overall Impression	Applicant made a very good impression	Applicant made a good impression	Applicant made a poor impression	
Comments:				
Printed Name of Evaluatir	ng Technologist			
Tooknologist Signaturo			Data	

Technologist may fax this form to Gail Schroeder at 440-964-4355