

# OZARKS TECH™

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## RADIOGRAPHY

**Associate of Applied Science in Radiography**

**Interview Candidate Briefing Packet**

**Fall 2025 Cohort**

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## RADIOGRAPHY

**Congratulations** on making the selection for the formal interview for acceptance into the Ozarks Tech radiography program. Getting to this point is an accomplishment in itself, as our process is very competitive to gain acceptance into the program.

We enjoy the interview process as it allows us to get to know the candidates besides what is on transcripts and in letters of recommendation. We get to know you as a person and an individual.

We know the process can be intimidating, but please know that we have only your best interest at heart and want to make sure you will be successful in the career path at the right time.

As you prepare for the interview, we want to review some of the highlights of the program:

1. The Ozarks Tech radiography program has applied for its initial accreditation from the JRCERT and **ALL** graduates from the program during the initial accreditation phase **WILL BE** eligible to sit for the national registry through the ARRT upon the successful completion of the program.
  - a. Our first on-site accreditation site visit will occur between 12-18 months after the first cohort begins.
2. The program is an accelerated program. That means the program is more compact than other programs around the country. Our program is only 16 months in length.
  - a. If you start in August of 2025, you will complete the program in December of 2026
  - b. Since it is shorter in total length, the student must understand that they will be a full-time student doing clinical rotations and in-person labs, and hybrid classroom work for approximately 40 hours per week
  - c. Classes and clinicals are held throughout the week, with a majority of those taking place during the day and in-person. There are some weekend and evening clinical requirements during the program, but adequate advanced notice is provided to allow for you to make arrangements.
3. Clinical rotations are held in a variety of locations to allow for a diverse experience for the student.

- a. The Ozarks Tech radiography program utilizes facilities across the region and across several health systems.
- 4. What we have to offer the students here on campus is some of the best experiences in the region. Exclusive to the students in the Ozarks Tech program, they currently have access:
  - a. Two live x-ray rooms using the digital equipment found in clinical settings.
    - i. A third live x-ray room, with fluoroscopic capabilities is being constructed on campus in the academic year 2025-2026.
  - b. Three portable x-ray machines.
  - c. Three c-arm x-ray machines used in sterile and non-sterile procedures, including a mock operating room for additional training with the c-arm equipment
- 5. Faculty with proven records of academic success for prior graduates in other programs that have phenomenal pass rates on the ARRT national registry exam.

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## RADIOGRAPHY

### Notification of Distance Education/Hybrid Learning

The radiography program at Ozarks Tech utilizes a blend of hybrid courses for many of the courses, in-person didactic only class or labs, and fully online courses as well. Students will be expected to participate in online learning activities and assignments while in the program. Most of the online components are completed in an asynchronous manner. However, there are situations that arise or specific courses that the instructor will let the students know in advance if there will be required set time (synchronous) learning events, this often occurs in the capstone courses. Online learning may be utilized in place of in-person classes in cases where the school closes.

Students are recommended to review specific requirements when purchasing devices for the program. Those requirements can be found on the Notification of Technology Requirements page. <https://online.otc.edu/otc-online-computer-requirements/>.

If you are selected for acceptance into the program after your interview, you will also be sent the technology requirements as part of the task list of items to complete your acceptance process.

The Ozarks Tech bookstore does sell some laptops. Students do not have to purchase the laptops there, but it is an option. Laptops are encouraged as they may be required for in-person class activities. Students may also utilize PC's at home as long as they meet the technical and security requirements for online courses.

It should be noted that the Ozarks Tech radiography program requires a student to purchase an **externally connected** (via USB, Bluetooth, wired, etc.) webcam for their PC or laptop. This **cannot** be the built-in webcam and is used for online examinations.

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## RADIOGRAPHY

### Fall Cohort Course of Study

#### Course of Studies

Upon successful completion of the general education requirements and acceptance into the Ozarks Tech Radiography program, the student will complete the program in a cohort style progression. The program is designed on an 8-week block schedule. If a student must leave their cohort progression, they must follow the return to program procedure.

Below are the different starting points for the program.

#### Fall Start Cohort

##### Fall Semester A Block

RAD 211 Essentials & Pt Care	2 credit hours
RAD 212 Essentials & Pt Care Lab	2 credit hours
RAD 213 Radiographic Anatomy	2 credit hours
RAD 214 Radiographic Physics	2 credit hours

##### Fall Semester B Block

RAD 221 Imaging Equipment	2 credit hours
RAD 223 Radiography General Procedures	2 credit hours
RAD 224 Radiography Gen. Procedures Lab	2 credit hours
RAD 280 Introduction to Clinic	<u>2 credit hours</u>

**Total Semester Hours: 16 credit hours**

##### Spring Semester A Block

RAD 230 Radiography Adv. Procedures	1 credit hour
RAD 231 Radiography Adv. Procedures Lab	1 credit hour
RAD 233 Fluoroscopic Procedures	1 credit hour
RAD 234 Fluoroscopic Procedures Lab	1 credit hour
RAD 281 Clinic & Professionalism I	3 credit hours

##### Spring Semester B Block

RAD 241 Radiation Biology & Protection	4 credit hours
RAD 282 Clinic & Professionalism II	<u>4 credit hours</u>

**Total Semester Hours: 15 credit hours**

**Summer Semester**

RAD 251 Image Processing and Quality	2 credit hours
RAD 283 Clinic & Professionalism III	<u>5 credit hours</u>

**Total Semester Hours: 7 credit hours**

**Fall Semester A Block**

RAD 261 Pathology & Sectional Anatomy	2 credit hours
RAD 263 Capstone & Review I	2 credit hours
RAD 284 Clinic & Professionalism IV	4 credit hours

**Fall Semester B Block**

RAD 271 Ethics for the Imager	1 credit hour
RAD 273 Capstone & Review II	2 credit hours
RAD 285 Clinic & Professionalism V	<u>3 credit hours</u>

**Total Semester Hours: 14 credit hours**

**Total General Education Coursework: 27 credit hours**

**Total Radiography Core Coursework: 52 credit hours**

**Total Degree Coursework: 79 credit hours**

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## RADIOGRAPHY

### Current Draft of Schedule Idea

**\*\*\*\*NOT FINAL\*\*\*\*\*NOT FINAL\*\*\*\*\*NOT FINAL\*\*\*\*\*NOT FINAL\*\*\*\*\***

#### Fall 2025 A-Block

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
<b>RAD 211</b>	<b>RAD 212 – Lab section 1 option</b>	<b>RAD 211</b>	<b>RAD 212 – Lab section 1 option</b>	<b>RAD 212 – lab section 3 option</b>		
9:00-10:30	9:00 -11:00	9:00-10:30	9:00 -11:00	9:00 – 1:00		
<b>RAD 214</b>	<b>RAD 212 – Lab section 2 option</b>	<b>RAD 214</b>	<b>RAD 212 – Lab section 2 option</b>			
10:30 – 12:00	12:00 – 2:00	10:30 – 12:00	12:00 – 2:00			
<b>RAD 213</b>		<b>RAD 213</b>				
1:00 – 2:30		1:00 – 2:30				

**\*Possible virtual day on Wednesdays**

#### Fall 2025 B-Block

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
<b>RAD 221</b>	<b>RAD 224 – Lab section 1 or 2</b>	<b>RAD 221</b>	<b>RAD 224 – Lab section 1 or 2</b>	<b>RAD 224 – Lab section 1 or 2</b>		
9:00-10:30	9:00 -11:00	9:00-10:30	9:00 -11:00	9:00 -11:00		
<b>RAD 223</b>	<b>RAD 224 – Lab section 3 or 4</b>	<b>RAD 223</b>	<b>RAD 224 – Lab section 3 or 4</b>	<b>RAD 224 – Lab section 3 or 4</b>		
10:30 – 12:00	12:00 – 2:00	10:30 – 12:00	12:00 – 2:00	12:00 – 2:00		
<b>RAD 280</b>		<b>RAD 280</b>				
1:00 – 2:30		1:00 – 2:30				

**\*Possible virtual day on Wednesdays**

### Spring 2026 A-Block

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
<b>RAD 231 Lab</b>	<b>RAD 230</b>	<b>RAD 231 Lab</b>	<b>Clinicals</b>	<b>Clinicals</b>	<i>Possible weekend clinicals/Evenings as well, during clinical weekdays</i>	
9:00 – 10:30	9:00 – 10:30	9:00 – 10:30	Times vary	Times vary		
<b>RAD 234 Lab</b>	<b>RAD 233</b>	<b>RAD 234 Lab</b>				
10:30 – 12:00	10:30 – 12:00	10:30 – 12:00				

### Spring 2026 B-Block

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
<b>Clinicals</b>	<b>RAD 241</b>	<b>Clinicals</b>	<b>RAD 241</b>	<b>Clinicals</b>	<i>Possible weekend clinicals/Evenings as well, during clinical weekdays</i>	
Times vary	9:00 – 12:00	Times vary	9:00 – 12:00	Times vary		

**\*Possible virtual day on Thursdays**

### Summer 2026

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
<b>Clinicals</b>	<b>RAD 251</b>	<b>Clinicals</b>	<b>Clinicals</b>	<b>Clinicals</b>	<i>Possible weekend clinicals/Evenings as well, during clinical weekdays</i>	
Times vary	9:00 – 10:30	Times vary	Times vary	Times vary		

### Fall 2026 A-Block

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
<b>RAD 261</b>	<b>Clinicals</b>	<b>RAD 261</b>	<b>Clinicals</b>	<b>Clinicals</b>	<i>Possible weekend clinicals/Evenings as well, during clinical weekdays</i>	
9:00 – 10:30	Times vary	9:00 – 10:30	Times vary	Times vary		
<b>RAD 263</b>		<b>RAD 263</b>				
10:30 – 12:00		10:30 – 12:00				

### Fall 2026 B-Block

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
<b>RAD 271</b>	<b>Clinicals</b>	<b>RAD 271</b>	<b>Clinicals</b>	<b>Clinicals</b>	<i>Possible weekend clinicals/Evenings as well, during clinical weekdays</i>	
9:00 – 10:00	Times vary	9:00 – 10:00	Times vary	Times vary		
<b>RAD 273</b>		<b>RAD 273</b>				
10:00-2:30		10:00-2:30				



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## RADIOGRAPHY

### **Block by Block Program Description**

#### **1<sup>st</sup> Block**

In the first block of the program, the student will take courses that relate to the foundation of the rest of the curriculum and the imaging profession.

The RAD 211 and 212 courses work together to provide the student with the early patient care skills development, through hands-on training and simulations. The course will introduce students to the basics of radiation safety when working with patients. Radiation and MRI safety along with personal safety are introduced in this course.

The RAD 211 lecture course uses hybrid delivery methods, mixing some online and in-person classroom days. The RAD 212 lab portion of the course meets two to three times per week. It uses more kinesthetic, skill practice, and tactile methods of practice and evaluation with some of the essential equipment used in the radiology department, patient care, radiation safety, and personnel safety skills necessary.

The RAD 213 Radiographic Anatomy course provides the student with the backbone of looking for and identifying anatomy and pathology in x-ray images. The course uses hybrid methods of instruction with online assignments, lectures, classroom identification activities, and meets in person as well.

RAD 214, provides the student with concepts of basic physics related to x-rays and x-ray machines. This course uses hybrid methods of instruction, with lectures, online assignments, lab demonstrations and experiments, and meets in-person as well.

#### **2<sup>nd</sup> Block**

In the second eight-week block of their first semester is when the student begins to experience the clinical components of their education.

As the student had some experience with radiology equipment in RAD 211 and 212, the student is now introduced to the equipment design, concepts related to using the equipment, and the technology and mechanics behind the equipment in RAD 221. RAD 221 uses hybrid delivery methods of concepts.

The student begins to learn and practice some of the general radiographic procedures in both RAD 223 and RAD 224. They are provided with lectures on the positioning, the image

requirements, techniques used through lecture methods and demonstration. In the lab portion, RAD 224, the students are in small groups where they will practice positioning their peers, other members of the program, and faculty members of the program to act as patients. RAD 224 does require students to touch the “patients”, palpating anatomical structures, moving the different body parts. The student will also be asked to be a “patient” as well and will need to be comfortable with both aspects. Positioning of the “patient” does require the touching of feet, hip and groin regions, necks, back, shoulder, clavicle, sternum, abdomen, etc. The lecture portion will meet in person and have online components. The lab portion will meet in-person as there are many positions to cover in the course’s timeframe.

The RAD 280 Introduction to Clinic course begins with orientations to future clinical sites, a recap of patient and radiation safety, additional MRI safety training, tours of clinical sites, lectures on expectations in clinicals. The course will use hybrid lecture methods and in-person tours with some short observation time in the clinical setting. The students will spend more time with the c-arm and portable machines for additional practice to build upon what was done in RAD 211 and RAD 212 before they enter the clinical setting.

### **3<sup>rd</sup> Block**

As the student has learned and passed the routine positions introduced and practiced in RAD 223 and 224, the student will now learn more advanced positions in RAD 230 and 231. More “trauma”, or non-routine positions will be introduced and practiced. Labs will be performed in smaller groups again and require the students to position each other and be positioned by their peers. The hybrid course will meet in-person at least two times per week.

RAD 233 and RAD 234 are additional procedures courses that are focused on the fluoroscopic procedures performed in the radiology departments. The requirements for patient preparation, room preparation, and contrast safety of these type of exams is discussed in this course. As with the other labs will be performed in smaller groups again and require the students to position each other and be positioned by their peers. The hybrid course will meet in-person at least two times per week.

In the RAD 281 Clinic and Professionalism course, the students begin their clinical experience. Students will have some online assignments in addition to the required clinical rotations. Rotations are based on student preference, clinical capacity limits set by the accrediting body and providing the student with the most well-rounded education possible. Rotations are assigned by the clinical coordinator. Some sites require the student to travel and that is not considered part of their clinical time. The students are performing between 14 and 16 hours of clinical experience time per week during this course, typically spread across two clinical days. The JRCERT does not allow more than 10 clinical hours per day.

The students will need to perform a minimum of 113 hours of clinical experience to pass this course, unless inclement weather or the college schedule alters the dates available for clinical.

#### **4<sup>th</sup> Block**

The importance of the RAD 241 course is emphasized as being the sole course while performing clinicals. The content dives further into the physics of x-rays, the interactions with the body, as well as radiation safety. This course is heavily related to the ARRT registry and students who have struggled in this course have traditionally struggled on the ARRT registry exam. The hybrid course will have online components and will meet in-person as well.

While their didactic focus is on RAD 241, the students will have clinical and online requirements associated with RAD 282 Clinic & Practicum II. Students will be performing between 18-24 hours of clinicals per week, typically spread across three days. JRCERT does not allow students to perform more than 10 hours of clinicals per day. The students will need to perform a minimum of 150 hours of clinical experience to pass this course, unless inclement weather or the college schedule alters the dates available for clinical. Students will begin to learn about the advanced modalities within the imaging profession before they perform observations in the subsequent practicums.

#### **5<sup>th</sup> Block**

The students will grow more confident and competent as they have a clinical-heavy block. The students will have clinical and online requirements associated with RAD 283 Clinic & Practicum III. Students will be performing approximately 24 hours of clinicals per week, typically spread across three to four days. JRCERT does not allow students to perform more than 10 hours of clinicals per day. Students will begin to explore and observe in the advanced modalities in this clinical course. The students will need to perform a minimum of 188 hours of clinical experience to pass this course, unless inclement weather or the college schedule alters the dates available for clinical.

During this block, the students have one didactic course, RAD 251. This course focuses on concepts related to how computers process X-ray data, how adjustments made by the technologist affect image quality, and how to analyze and fix the image as needed. It meets in-person and has online components.

#### **6<sup>th</sup> Block**

The students begin their last semester in the program with a course in pathology and sectional anatomy (RAD 261). This course introduces the students to different modalities and how they can see pathology with those images. It provides a deeper look into pathologies commonly identified on X-ray images and, lastly, introduces the student to sectional anatomy identification, building upon what was taught in RAD 213 with X-ray images. This course will meet one to two times per week and utilize online components as well.

The students will also begin their ARRT registry preparations in this block. RAD 263 is a course that helps the students recall the information from the first five blocks in the program and begin taking mock registry exams. Content will be based on the most recent registry specs and will require the students to start to master the concepts and pass content exams to prepare for the larger mock exams. This course will meet in person and require some online assignments outside of the classroom for the student to complete.

The clinical obligations continue in RAD 284, Clinic & Professionalism IV. Students will be able to continue exploring advanced modalities in this clinical course. Students will perform between 18-24 hours of clinicals per week, typically spread across two to three days. JRCERT does not allow students to perform more than 10 hours of clinicals per day. The students will need to perform at least 150 hours of clinical experience to pass this course, unless inclement weather or the college schedule alters the dates available for clinical.

### **7<sup>th</sup> Block**

In the final 8-week block, the students will take the RAD 271 Ethics for the Imager. This course will discuss medicolegal topics related to the imaging field, the scopes of practices, both the ASRT and ARRT codes of conduct, and information on post-graduation with regards to their professional licensure and their continuing education requirements. This hybrid course will meet at least once a week and use online components as well.

The continuation of the student's preparation for the ARRT registry occurs in RAD 273 with additional mock registry exams, review of concepts, and individualized study plans to help the student leading up to their registry date. The students must pass certain benchmarks in this course before the program director will sign off on them to sit for the registry. If they do not, individualized plans will be made with the student to help them achieve those benchmarks. This course meets in person one to two times per week, with some outside online assignments and studying required.

The final clinical course is RAD 285, Clinic & Practicum V, in this course, the students must have met all of both the ARRT and the Ozarks Tech required clinical competency requirements. The class cannot be passed until that has been achieved. If all competencies have been completed, the students will have the opportunity to continue to explore advanced modalities. The students will perform between 14 and 16 hours of clinical experience per week during this course, typically spread across two clinical days. The students will need to perform a minimum of 113 hours of clinical experience to pass this course, unless inclement weather or the college schedule alters the dates available for clinical. The JRCERT does not allow students to complete more than ten hours of clinicals per day.

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## RADIOGRAPHY

### Tuition and Fess

The Ozarks Tech Radiography program tuition is based on the Ozarks Tech current rate plan. The tuition rate varies slightly based on the student's residency.

This is a tool provided as an estimate and an idea of total cost of the radiography specific portion of the program.

\*\*\*These rates are also based on the time this sheet was prepared, tuition rates and fees may change before the next academic year.\*\*\*

<https://services.otc.edu/finance/tuition-fees/>

**\*Please refer to the Ozarks Tech website for the most-up-to-date tuition rates. Rate differences will be different than the example below if they are not in-district students.**

Example of an **in-district\*** student tuition cost for the radiography courses - does not include general education courses, fees, books, transportation cost, computer cost, etc.:

- 52 credit hours x \$159 (Tier III in-district) = **\$8,268.00**

Example of radiography student fees. These may change from year to year.

- Ozarks Tech and Radiography program fees, estimated: **\$4,130.50**

Registration Fee (per semester)	\$50.00 x 5 = \$250.00
Student Fee (per credit hour)	\$16.00 x 52 = \$832.00
Student Technology fee (per credit hour)	\$19.00 x 52 = \$988.00
Facility Fee (for length of program)	\$180.00
Security Fee (per credit hour)	\$3.00 x 52 = \$156.00
Lab Fees – (RAD 212, 224, 231, and 234)	\$200.00 x 4 = \$800.00
Student ID badge and Kit fee (one-time fee unless lost)	\$35.00
Drug Screening, Background Check, Vaccine tracker fee (one-time fee)	\$124.00
Trajecsyst Fee (length of program one-time fee)	\$150.00
Initial Lead Marker set	\$15.50
Instadose Dosimeter Fee (one-time fee)	\$140.00

RadTech Bootcamp Fee (length of program one-time fee) <i>*annually can change</i>	\$180.00
1 <sup>st</sup> Attempt ARRT registration fee	\$225.00
ASRT Student Membership fee (one time fee)	\$35.00

Other estimated costs of attending Ozarks Tech Radiography Program: **\$1,275.00**

Students will be required to purchase textbooks, notepackets, have reliable internet and computer with an external webcam device.

<b>Embroidered Scrubs</b> - purchased through the bookstore (recommend 3 pairs minimum) <i>*estimated as sizes, brands, etc. can differ</i>	\$85.00 x 3 = \$255.00
<b>Radiography Program textbook package</b> <i>*through the bookstore – can price out individually on own if prefer. Estimate given for planning purposes. Books used throughout entire program and not just one course, so renting is not an option. Ebooks are fine.</i>	\$600.00
<b>Radiography Course Notepackets</b> - purchased only through the bookstore and attached to each course. Prices vary each course. <i>Estimate provided for planning purposes.</i>	\$420.00
<b>External</b> webcam – required for testing purposes, MUST be different than the embedded camera even on laptops. <i>Estimate provided for planning purposes.</i>	\$20.00

Therefore, tuition for the radiography courses, the fees, the scrubs, and the textbooks for the radiography program are calculated together.

The estimated total cost of the radiography portion of the Associate of Applied Science in Radiography degree for an ***in-district*** student is approximately: **\$ 13.673.50\*\*\***

**\*\*\*This number does not include the general education costs or additional student incurred costs (see below), as the student will have completed, or is in the process of completing, the general education credits before the interview process. \*\*\***

### ***Additional Student Incurred Costs:***

- **Vaccines and Immunizations, appointments for:** physicals, lab work, receiving the vaccines and immunizations, reviewing the results
  - Ozarks Tech does not provide these services, but there is a list of locations besides your PCP that can provide some of these services
- **Cost to send transcript(s)** to Ozarks Tech
- **Computer** – purchase on own. Ensure that it meets the recommended requirements from the IT department. - <https://online.otc.edu/otc-online-computer-requirements/>
- **Reliable wi-fi**
  - All Ozarks Tech campuses have free wi-fi for students to access
- **Graduation costs** – cost of cap and gown are the responsibility of the student
- **Transportation Costs** – gas, repairs, maintenance, insurance
- **Food and Drink** – meals on campus, meals at clinical sites, vending machine purchases, drink purchases, etc.

### **Course Fees**

Individual courses may have fees associated with them; those fees have been included into the program's fee total.

### **Scrubs**

Scrubs are purchased through the bookstore and the embroidery is done at the bookstore as well. It is recommended that the student purchase at least two pairs of scrubs to wear throughout the week. The cost of the scrub set with embroidery can fluctuate based on style chosen by the student. It is recommended that the students contact the bookstore for exact pricing. A general price range is between \$60 - \$100 per pair of scrubs.

### **Textbooks**

Textbooks can be purchased through the bookstore or any retailer the student chooses. The booklist will provide the student with information on whether the textbook is required or recommended for the course.

The radiography program uses the same textbooks across multiple courses, it is **HIGHLY** recommended that the student does not rent the textbooks for this purpose. The instructor will let the students know if the textbook is one of those that is used multiple times in the program.

Some instructors may require the hard-copy, or paper version versus a digital-only version of the textbook, that information will come from the instructor as well.

### **ARRT Registry Fee**

The ARRT requires a \$225 (currently) payment for the registry, to help the students, that fee has been included in the program total fees as part of the capstone course. That fee being paid will allow the student to sign up for a date and time to take their registry after graduation. This fee is only applied to the student's ***first attempt*** on the registry exam.

Any attempts after that first attempt, the student may need, and the student will be responsible for the cost, which is currently \$225.00.

The cost of changing or moving the date, time, or location of the first attempt on the ARRT registry is the student's responsibility; traditionally, it has been between \$10 and \$15.

- Students must also be aware that planning a vacation shortly after graduation could possibly create a delay in the student taking the ARRT registry exam.
- It is recommended that the student try to take their registry as soon as possible after graduation as that has demonstrated the best results in the past. The registry date scheduling is set by a third-party and in some months the availability is very limited. Students may have to travel out of the area to take the registry on a preferred date. The cost of that travel is the responsibility of the student.

Ozarks Tech provides financial aid, scholarships, and grants to students enrolled in the Radiography program.

For financial aid questions and programs, the student should contact the Financial Aid office at:

Email - [financialaid@otc.edu](mailto:financialaid@otc.edu)

#### **Office Hours:**

Monday-Thursday: 7:30 a.m. - 5:30 p.m.

Friday: 8:00 a.m. - 4:30 p.m.

#### **Location:**

Information Commons West (ICW)

Suite 109

1001 E. Chestnut Expressway

Springfield, MO 65802



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## RADIOGRAPHY

### **Physical Demands/Technical Standards**

The student who will be working in the clinical setting and classroom/lab setting will be performing many strenuous tasks throughout the education in the program. Below is the drafted plan submitted for review for the technical standards and the physical demands the student will be subjected to as they progress in the program and the field.

Patient safety is very important in the imaging field, being unable to complete certain functions safely and assuring the patient's safety may require modifications or further discussions, which will be done with the program, and the Disability Support Office, and /or the Title IX office, and/or any other pertinent departments.

If you are offered acceptance into the program, the student will receive a technical standards document to review and attest to as part of the task items.



### **Vaccine Requirements, Drug Screen, and Background Checks**

If a student is selected for acceptance into the program, they will be providing additional task list items. These items will include:

1. Submission of vaccine and immunization records, the list can also be found on the program's webpage.
2. Submit to a background check.
3. Submit to a drug screen.

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## RADIOGRAPHY

### Clinical Site List

The Ozarks Tech radiography program utilizes a variety of clinical locations to prepare the students for different facilities, equipment, and protocols they will face when they graduate. The locations of the multiple clinical sites allow for serving the needs of both urban and rural communities. Locations are required to be recognized by the JRCERT and have affiliation agreements in place with Ozarks Tech for students to perform clinicals at their locations.

1. Citizens Memorial Hospital - Bolivar, Missouri
2. Cox Bone and Joint Orthopedic - Springfield, Missouri
3. Cox Branson Hills Superclinic - Branson Hills, Missouri
4. Cox Branson Hospital - Branson, Missouri
5. Cox Branson Orthopedic Clinic - Branson, Missouri
6. Cox East Battlefield (B65) Superclinic - Springfield, Missouri
7. Cox Hospital - Monett - Monett, Missouri
8. Cox Nixa Superclinic - Nixa, Missouri
9. Cox North - Springfield, Missouri
10. Cox Ozark Superclinic - Ozark, Missouri
11. Cox South Hospital - Springfield, Missouri
12. Cox Sunshine and National Hamra Superclinic - Springfield, Missouri
13. Cox Wheeler Orthopedic Clinic - Springfield, Missouri
14. Ferrell Duncan Outpatient Imaging Center - Springfield, Missouri
15. General Leonard Wood Community Hospital – Ft. Leonard Wood, Missouri\*\*\* ###
16. Jared Neurological Center - Springfield, Missouri
17. Jordan Valley Community Health Center - Springfield, Missouri
18. Martin Center Imaging Center - Springfield, Missouri
19. Mercy Frisco Clinic - Springfield, Missouri
20. Mercy Imaging Center - Branson - Branson, Missouri
21. Mercy Imaging Center - Bolivar - Bolivar, Missouri
22. Mercy Hospital - Aurora - Aurora, Missouri ###
23. Mercy Hospital - Lebanon - Lebanon, Missouri
24. Mercy Hospital - Springfield - Springfield, Missouri
25. Mercy National Clinic - Springfield, Missouri

26. Mercy Orthopedic Hospital and ER - Springfield, Missouri
27. Mercy Orthopedic Clinic and Surgery Center - Springfield, Missouri
28. Mercy Smith-Glynn Calloway Center - Springfield, Missouri
29. Mercy Surgery Center - Springfield - Springfield, Missouri
30. Mercy Whiteside Clinic - Springfield, Missouri
31. Meyer Orthopedic and Rehabilitation Hospital (MORH) - Springfield, Missouri
32. Ozarks Healthcare Hospital - West Plains, Missouri
33. Springfield VA Hospital - Springfield, Missouri\*\*\*###

*\*\*\*These locations are reserved for students with military or veteran status. Students who do not have those credentials are still receiving the same education as these students.\*\*\**

*### These sites are still in the process of being considered for clinical site placement for the upcoming academic year*

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## RADIOGRAPHY

### **Clinical Obligations**

The clinical component of the program is one of the most important parts of the student's educational experience. The student must treat the clinical rotations as a continuous job interview.

Ozarks Tech radiography students will be provided with the opportunity to perform clinical rotations in a variety of settings. This diverse group of rotations will provide the student with the best all-around educational experience and provide the student a chance to explore what type of environment they would best suit them for their future.

Students will have the opportunity to complete approximately 800 hours of direct patient care experience. Students may perform clinical rotations at several sites that can include level 1 trauma centers, rural hospital systems, outpatient imaging centers, urgent care centers, community health centers, inpatient hospitals, rehabilitation hospitals, surgery centers, and specialty clinics such as orthopedic and neurological centers.

While students will be placed in clinical locations to keep them as close to their preferred location, they should know they may be required to drive up to 120 miles each way for a clinical rotation. That 120 miles is from the main campus, living out of the area is not included in that distance and the student may be required to drive more than 120 miles, which is dependent on where they reside.

Due to clinical capacity limits, students may have to agree to be placed in a less desired geographic region to obtain or maintain a spot in the cohort.

Students seeking acceptance into the Ozarks Tech radiography program should note the following items regarding clinical rotations:

1. Clinical days vary depending on the semester block, when the student is not in class or labs, they will have clinical days to complete.
  - a. The number of days per week and the days of the week the student is assigned clinicals varies per semester block course
  - b. It depends on their course schedule and how many students are in clinical rotations at that same semester block

2. Students can expect clinical rotations to last between 6 hours and a maximum of 10 hours depending on the schedule created with the clinical coordinator and clinical site.
3. Students will be expected to complete a minimum amount of clinical hours per week, on average, for each practicum course. These time requirements align with Ozarks Tech's policy for clinical hour to credit hour ratio.
  - a. For example:
    - i. 3 credit hour course = 112.5 clinical hours for that block course
    - ii. 4 credit hour course = 150 clinical hours for that block course
    - iii. 5 credit hour course = 187.5 clinical hours for that block course
4. Clinical hours vary, with "most" starting at either 7:30 a.m. or 8:00 a.m. and lasting until 2:30 p.m. or 3:00 p.m.
  - a. However, there are shifts that start as early as 6:30 a.m. (typically for the first rotation through surgery)
5. There are required amounts of evening shifts that start generally around 3:30 p.m. and can go as late as 11:00 p.m.
6. A set number of weekend rotations are also required by the program for the student to gain that experience. The schedule is provided with student input and far enough in advance to help the student plan their schedule accordingly.
7. Students may elect to perform a few overnight rotations, if there are clinical preceptors available. This is a short-term rotation and for the experience only, it is not required and the student should note that it does not offer the same exam experiences, so it is limited in its use aside from the experience.
8. Students have varying meal break times, based on the clinical locations food options on-campus. The student are allotted, at minimum, a 30-minute break for lunch/dinner breaks. Each site is allowed to set the time the students go, as well as the amount of time, as long as they receive at least a 30-minute break.
9. Students are provided a large variety of clinical location options and experiences. The program will discuss with the student options for clinical locations. Students who perform clinicals at outlying locations, may be required to travel in for specific

rotations to ensure they get the same experience as other students. Such as a Level 1 Trauma center, surgery, fluoroscopy, etc.

10. Students will need to purchase Ozarks Tech scrubs to wear at clinical rotations. The number of scrubs recommended is at least two pairs. Some sites will require students to wear surgical scrubs, which are provided by the site.
11. Students will be required to pay for their dosimeter badge assigned to them by Ozarks Tech. There is a replacement cost if the original one is lost.
12. Students will clock in and out on the Trajecsys platform, which is a web-based system used to track time totals as daily exams performed, competencies, etc. Students pay a one-time access fee for the service and it is included in the student fees for the program.
13. Some clinical sites may require additional training, vaccines, and dress codes. Students are responsible for abiding by the policies of that location.
14. Students will be responsible for the cost of student IDs, lead markers, and other items as part of their student fees to wear and utilize in the clinical setting. Lost items will incur additional costs.

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## RADIOGRAPHY

### **Pregnancy Policy**

The students will be provided with the program's pregnancy policy at orientation if the student is selected for acceptance into the program.

All students must review, understand, acknowledge, and be able to find the policy if necessary.

While the Ozarks Tech Radiography program follows the guidelines from different federal government agencies and health care systems, as provided above, it also provides additional options for the mother and her child.

Students may continue in the program with clinical and didactic modifications, or without modification options mutually agreed upon by the college and the student and in accordance with Title IX.

The Ozarks Tech Radiography program wants to assure that radiation exposure to the student and the fetus are kept as low as reasonably achievable (ALARA).



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## RADIOGRAPHY

### The Use of Ionizing Radiation

Students in the Ozarks Tech Radiography program utilize ionizing radiation for practice and for working with patients. Students must understand the risk they may have from working in the radiology environment and be willing to take the necessary steps to minimize any risk to themselves.

The student has access to x-ray machines at the college and at the clinical settings. Students must practice safety measures to protect themselves, their co-workers, their classmates, the faculty, and their patients from unnecessary radiation. Students **WILL NOT** be taking x-rays of themselves.

The definition of ionizing radiation from the United States Nuclear Regulatory Commission:

*A form of radiation, which includes alpha particles, beta particles, gamma rays, x-rays, neutrons, high-speed electrons, high-speed protons, and other particles capable of producing ions. Compared to non-ionizing radiation, such as radio- or microwaves, or visible, infrared, or ultraviolet light, ionizing radiation is considerably more energetic. When ionizing radiation passes through material such as air, water, or living tissue, it deposits enough energy to produce ions by breaking molecular bonds and displace (or remove) electrons from atoms or molecules. This electron displacement may lead to changes in living cells. Given this ability, ionizing radiation has a number of beneficial uses, including treating cancer or sterilizing medical equipment. However, ionizing radiation is potentially harmful if not used correctly, and high doses may result in severe skin or tissue damage. It is for this reason that the NRC strictly regulates commercial and institutional uses of the various types of ionizing radiation.*

The college lab rooms have exposure control locks and badge access to the rooms. Any exposure using the machines should only be performed under the direct supervision of a faculty member or technologist aiding in the learning process. The equipment keys for the rooms, c-arms, and portables, are securely housed separately from the machines and are only accessible with direct supervision of a faculty member or technologist.

A student who uses any of the x-ray equipment at the college or at any clinical setting for any purpose aside from learning or taking images of a patient with a physician/provider order is subject to **immediate dismissal from the program** for unauthorized use of radiation. Gross negligence of not following safety guidelines while working with radiation and risking themselves or others safety is also subject to immediate dismissal from the program.

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## RADIOGRAPHY

### **Student Copy of the Acknowledgment Page**

**DO NOT INITIAL THIS PAGE, THIS IS FOR YOU TO KEEP**

Please initial next to each of the following items that you have read and understand the statement.

1. I understand the Ozarks Tech Radiography program is ***selective in its process*** and not all interviewees are selected for admission. Initial here: XXXX
2. I understand that if I am selected for admission to the program, my ***acceptance is contingent on the successful completion of a background and drug screening***. In addition, any classes I am currently enrolled in, those courses must be successfully completed, and I must still meet the program requirements to begin classes with the next cohort. Initial here: XXXX
3. I understand that the Ozarks Tech Radiography program is ***seeking its initial accreditation from the JRCERT***, but I will still be eligible to take the national registry at the end of the program if I complete all the requirements in the progression statement. Initial here: XXXX
4. I understand that the Ozarks Tech Radiography program is an ***accelerated program***, requiring the student to spend as many as five days per week in-person class, labs, or clinical rotations. Making full-time work difficult to manage around scheduled class days and clinical days. In addition to studying outside of the classroom time. Initial here: XXXX
5. I understand that the Ozarks Tech Radiography program requires a ***minimum of 2 dates of weekend rotation shifts*** for clinical experience and a ***minimum of 8 dates of evening rotation shifts*** over the course of the program. Initial here: XXXX
6. I understand that if I am chosen to join the cohort of the Ozarks Tech Radiography program that I will be working with around ***ionizing radiation*** in the classroom/lab setting and in the clinical setting. I will obey all safety precautions for myself, fellow workers, students, and my patients. ***I know using ionizing radiation improperly may result in immediate termination from the program.*** Initial here: XXXX
7. I understand that the Ozarks Tech Radiography program has ***clinical locations that may require me to drive up to 120 miles one way from the Springfield campus***, or several hours from my home. Though the program tries to place students closer to their location, a student

removed from a site may have to travel further if there is room at another location. The student is responsible for having reliable transportation and funds to pay for gas and repairs as needed for transportation to clinical rotations. Initial here: XXXX

8. I have reviewed and understand the radiography program ***estimated tuition and fees*** page, and understand that the most up-to-date information for fees and rates can be found on the Ozarks Tech website. Ozarks Techs has financial aid services available, and I know how to contact them for further information. Initial here: XXXX

9. I have reviewed and understand the ***course of study*** for the radiography program. The program is set up on a cohort-style progression utilizing 8-week block courses. I have reviewed the block-by-block schedule to have a rough estimate of my progression of courses and the draft schedule. Initial here: XXXX

10. I understand that the program delivers its content through ***hybrid methods*** and requires me to complete assignments and study outside of the classroom schedule time. It may require exams to be taken on any “virtual” days at certain times. It also requires me to have ***reliable wi-fi***, which can be provided on campus if needed, as well as ***my own laptop*** that meets the technical requirements, and ***my own external camera*** for testing purposes. Initial here: XXXX

11. I have reviewed and understand the ***clinical obligations*** for the Ozarks Tech radiography program. Initial here: XXXX

12. I understand that the ***radiography program handbook*** can be found on the Canvas Course shell that I will receive access to if I am accepted. Initial here: XXXX

**Please initial and sign the next few pages and provide to the interview team when you are called back for your interview.**

# OZARKS TECH™

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## RADIOGRAPHY

### **Program's Copy of the Acknowledgment Page**

Please initial next to each of the following items that you have read and understand the statement.

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1. I understand the Ozarks Tech Radiography program is ***selective in its process*** and not all interviewees are selected for admission. Initial here: \_\_\_\_\_
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4. I understand that the Ozarks Tech Radiography program is an ***accelerated program***, requiring the student to spend as many as five days per week in-person class, labs, or clinical rotations. Making full-time work difficult to manage around scheduled class days and clinical days. In addition to studying outside of the classroom time. Initial here: \_\_\_\_\_
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11. I have reviewed and understand the ***clinical obligations*** for the Ozarks Tech radiography program. Initial here: \_\_\_\_\_
12. I understand that the ***radiography program handbook*** can be found on the Canvas Course shell that I will receive access to if I am accepted. Initial here: \_\_\_\_\_

Please provide the acknowledgement pages to the interview committee when you begin your interview.

**Please sign, print, and date below:**

\_\_\_\_\_  
Candidate's Signature

\_\_\_\_\_  
Date of Signature

\_\_\_\_\_  
Candidate's Printed Name