

## Radiography & Diagnostic Imaging Programs

Cox College offers a direct path for you to gain the education needed to work in multiple areas within the diagnostic imaging field. Students completing the Associate of Science in Radiography (ASR) program are highly skilled in performing diagnostic x-ray procedures and providing patient care in a variety of settings. After successful completion of the ASR program, graduates are eligible to apply to the Bachelor of Science in Diagnostic Imaging (BSDI) degree program.

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### Admission check list

1. Complete & submit the Cox College application along with \$50 application fee through one of the following methods:  
*Priority service date: A minimum of 2 months prior to the start of the semester.*
- Complete the application online at [www.coxcollege.edu](http://www.coxcollege.edu)
  - Request a Cox College application by mail and return it to the College
  - Attend one of our Open House events

You will be contacted by an admissions counselor within 2-3 weeks via email or mail. He/she will let you know what additional documents and/or transcripts are needed.

2. Complete your FAFSA application at [www.fafsa.ed.gov](http://www.fafsa.ed.gov). Our school code is 013877. *Not required but recommended.*  
*Priority service date: A minimum of 4 weeks prior to the start of the semester.*
- Visit [www.FederalStudentAid.ed.gov](http://www.FederalStudentAid.ed.gov) for more info on financial aid.
  - Contact our Financial Aid Department at 417/269-3401 for assistance.

3. Request that all official transcripts be sent to Cox College
- High school transcript or GED.
  - Transcripts from ALL colleges/universities in which you have completed college level courses.
  - It can take up to 3 weeks for us to receive your transcripts once you have requested them to be sent.

4. Complete entrance exam
- You will need to take the TEAS exam if:
    1. You have completed less than 12 college credit hours and have not taken the ACT or SAT within the last 5 years or,
    2. You have an ACT score below 18.
  - Contact your admissions counselor to schedule the exam.

5. Apply to the specific program by the deadline, if you meet the program requirements.

**Mail application and materials to: Cox College • 1423 N. Jefferson Avenue • Springfield, Missouri 65802**  
**Fax: 417/269-3586 • [admissions@coxcollege.edu](mailto:admissions@coxcollege.edu)**

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### **How do you become a Radiologic Technologist (X-Ray Tech)?**

To work as a Radiologic Technologist you must first complete an Associate of Science in Radiography degree program. Graduates will be prepared to take the American Registry of Radiologic Technologists (ARRT) Radiography Credentialing examination. After passing this examination, you will be able to begin your career as a Radiologic Technologist. You are also eligible to apply to the Bachelor of Science in Diagnostic Imaging (BSDI) degree program at Cox College.

### **What are the success rates for the program?**

**ASR:** ARRT Radiography Credentialing examination: 100% first attempt pass rate (4 year average)

## Associate of Science in Radiography

<u>General Education Requirements</u>	<u>Credit Hours</u>	<u>ASR Program Courses</u>	<u>Credit Hours</u>
_____ BIOL 205 Human Anatomy*	4	<b>First Semester - Fall</b>	
_____ BIOL 206 Human Physiology*	4	RAD 100 Patient Care in Radiography	3
_____ CHEM 103 Fundamentals of Chemistry	4	RAD 110 Radiographic Anatomy	2
	Physics will also meet Chemistry requirement	RAD 120 Routine Radiographic Imaging	2
_____ ENG 150 English Composition	3	RAD 121 Routine Radiographic Imaging Lab	3
_____ MATH 160 College Algebra	3	RAD 140 Intro to Clinical Practice	3
_____ PSYC 101 Introduction to Psychology	3	RAD 150 Radiographic Imaging Physics I	2
_____ BIOL 118 Medical Terminology	3	<b>Second Semester - Spring</b>	
_____ INFM 160 Computer Resources	1	RAD 191 Clinical Practice 1 (Interession course)	1
<i>*Denotes core science course</i>		RAD 151 Radiographic Imaging Physics II	3
General Education Credit Hours = 25		RAD 160 Analog Imaging	2
Program Credit Hours = 51		RAD 170 Fluoroscopy and Special Procedures	3
<b>Total Degree Credit Hours = 76</b>		RAD 180 Radiographic Imaging Instrumentation	2
To apply to the ASR program you must have completed 1 core science, 2 additional general education courses listed above. Science and additional general education courses must total 10 credits or more. Must have a minimum combined GPA of 3.0 or higher for the required general education courses to apply.		RAD 192 Clinical Practice 2	2
Submit two letters of reference and a personal essay at time of program application. You are required to log and send in documentation showing a minimum of 4 hours of job shadowing experience, in a diagnostic imaging radiology department, by the application deadline.		<b>Third Semester – Summer</b>	
Once accepted into the ASR program, the program will take 5 semesters (including 1 summer).		RAD 193 Clinical Practice 3	2
<b>Program deadline for Fall entry: December 22<sup>nd</sup></b>		<b>Four Semester – Fall</b>	
		RAD 200 Radiographic Pathophysiology	2
		RAD 220 Advanced Skeletal Imaging	2
		RAD 250 Radiographic Image Analysis and QC	2
		RAD 260 Digital Imaging	3
		RAD 270 Radiation Biology and Protection	3
		RAD 294 Clinical Practice 4	2
		<b>Fifth Semester – Spring</b>	
		RAD 295 Clinical Practice 5 (Interession course)	1
		RAD 296 Clinical Practice 6	2
		RAD 299 Radiography Capstone	4

## Bachelors of Science in Diagnostic Imaging

<u>General Education Requirements</u>	<u>Credit Hours</u>	<u>BSDI Tracks</u>
_____ ENG 207 Expository Writing	3	<ul style="list-style-type: none"> <li>• BSDI Specialty Track</li> <li>• BSDI Completion Track</li> <li>• Specialty Credentialing Pathways</li> </ul>
_____ MATH 227 Introduction to Statistics	3	
_____ PSYC 230 Life Span Development	3	
_____ SOCI 304 Global Awareness & Cultural Diversity	3	
General Education requirements may be completed during program.		General Education Credit Hours = 12
<b>Specialty modalities</b>		Previous radiography education = 64
<ul style="list-style-type: none"> <li>• Diagnostic Medical Sonography</li> <li>• Diagnostic Medical Sonography-Echocardiography</li> <li>• Mammography</li> <li>• Computed Tomography (CT)</li> <li>• Magnetic Resonance Imaging (MRI)</li> <li>• Interventional Radiography (IR)</li> <li>• Inter-professional Leadership</li> </ul>		<b>BSDI Track Total Credit Hours = 128 minimum</b>
<b>Program deadlines:</b>		Prerequisite for specialty program enrollment is successful completion of an accredited Radiography program or hold ARRT/ARDMS certification.
All tracks – Fall entry: April 30 <sup>th</sup>		Must submit: two letters of reference, resume, and copy of licensure prior to program application deadline.
BSDI Completion – Spring Entry: November 15 <sup>th</sup>		