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Academic Program Actions:

New Program Proposal

Institution: Ozarks Technical Community College

Site Information

Implementation date: 08/18/2025

Added sites: Alliance for Healthcare Education, 1423 N Jefferson Ave ,
Springfield, MO 65802

CIP Information

CIP Code: 510911

CIP Program Title: Radiologic Technology/Science - Radiographer

CIP Program Description: A program that prepares individuals, under the supervision of physicians, to provide medical imaging services to patients and attending health care professionals. Includes instruction in applied anatomy and physiology, patient positioning, radiographic technique, radiation biology, safety and emergency procedures, equipment operation and maintenance, quality assurance, patient education, and medical imaging/radiologic services management.

Institution Program Title: Radiography

Change Degree Type

Degree Level: Associate Degree

Degree Type: Associate in Applied Science

Options Added:

Collaborative Program: N

Mode of Delivery

Mode of Delivery: Classroom
Online
Hybrid

Student Preparation

List any special admissions procedures or student qualifications required for this program which exceed regular university admissions and standards:

No special preparation, that exceeds the college admission, will be required to enter semesters I or II of the Associate of Applied Science in Radiography. Acceptance in the program begins after semester II. Students will be required to pass a background check and drug screen. Students may be interviewed and grades from semester I and II will be considered in the selection process. Additional screening assessments include letters of reference, shadowing requirements, and an essay may be used in the selection process.

List characteristics of a specific population to be served, if applicable:

The student that would benefit from this degree will be one who is interested in entry-level employment in healthcare facilities offering radiography. These individuals will have science and math aptitude, interest in Healthcare, technical proficiency, attention to detail, interpersonal skills, critical thinking and problem-solving abilities, professional standards and physical stamina.

Faculty Characteristics

List special requirements (degree status, training, etc.) for assignment of teaching for this degree/certificate:

Program Director must hold at least a master's degree, 3 years of clinical experience, 2 years' experience as an instructor in a JRCERT program and hold a current ARRT certification and registration in radiography. The Clinical Coordinator must hold at least a bachelor's degree, 2 years clinical experience, 1 year experience as an instructor in a JRCERT program and hold an ARRT certification and registration in radiography. Full-time didactic faculty must hold a bachelor's degree, 2years clinical experience, and hold an ARRT certification and registration in radiography. Adjunct faculty must hold at least a associates degree and an ARRT certification and registration in radiography.

Estimated percentage of credit hours that will be assigned to full time faculty. Please use the term 'full time faculty' (and not FTE) in your descriptions here:

Estimated percentage of credit hours that will be assigned to full time faculty is 80%.

Expectations for professional activities, special student contact, teaching/learning innovation:

Faculty members must document 24 hours of professional development annually. Additionally, all faculty will be required to maintain their professional licenses and registries. Faculty members must advise students who have designated this as their degree option.

Student Enrollment

Projections Year One - Five

Projections

Full Time:	75	Part Time:	15	
Full Time:	92	Part Time:	23	
Full Time:	115	Part Time:	30	Number of Graduates:
				66
Full Time:	127	Part Time:	38	
Full Time:	137	Part Time:	38	Number of Graduates:
				144

Percentage Statement: 90

Program Accreditation

List Institutional plans for accreditation, if applicable, including accrediting agency and timeline. If there are no plans to seek specialized accreditation, please provide rationale:

Upon respective program approvals, we will pursue programmatic accreditation via JRCERT.

Program Structure

Total Credits: 79
Residency Requirements: 15 of the last 30 credit hours.
General Education Total Credits: 27

Program Structure (continued)

Major Requirements Total Credits: 52

Courses Added:

ENG 101 3 Composition I
 PLS 101 3 American Government and Politics
 BCS 165 4 Human Anatomy
 MTH 128 3 Contemporary Mathematics
 BCS 205 4 Human Physiology
 PSY 110 3 Introduction to Psychology
 HSC 120 3 Medical Terminology
 CHM 101 4 Introduction to Chemistry
 RAD 211 2 Essentials & Pt Care in X-ray
 RAD 212 2 Essentials & Pt Care Lab
 RAD 213 2 Radiographic Anatomy
 RAD 214 2 Radiographic Physics
 RAD 221 2 Imaging Equipment
 RAD 223 2 Radiography Gen Procedures
 RAD 224 2 Radiography Gen Proc Lab
 RAD 231 1 Radiography Adv. Proc Lab
 RAD 233 1 Fluoroscopic Procedures
 RAD 234 1 Fluoroscopic Procedures Lab
 RAD 241 4 Radiation Biology & Protection
 RAD 251 2 Image Processing and Quality
 RAD 280 2 Introduction to Clinic
 RAD 281 3 Clinic & Professionalism I
 RAD 282 4 Clinic & Professionalism II
 RAD 283 5 Clinic & Professionalism III
 RAD 284 4 Clinic & Professionalism IV
 RAD 285 3 Clinic & Professionalism V
 RAD 230 1 Radiography Adv. Procedures
 RAD 261 2 Pathology & Sectional Anatomy
 RAD 271 1 Ethics for the Imager
 RAD 273 2 Capstone & Review II

RAD 263 2 Capstone & Review I

Enter free elective credits: 0

Internship or other capstone experience: A grade of "C" or higher in all RAD courses.

Assurances

I certify that the program is clearly within the institution's CBHE-approved mission. The proposed new program must be consistent with the institutional mission, as well as the principal planning priorities of the public institution, as set forth in the public institution's approved plan or plan update.

I certify that the program will be offered within the proposing institution's main campus or CBHE-approved off-site location.

I certify that the program will not unnecessarily duplicate an existing program of another Missouri institution in accordance with 6 CSR 10-4.010, subsection (9)(C) Submission of Academic Information, Data and New Programs.

I certify that the program will build upon existing programs and faculty expertise.

I certify that the program can be launched with minimal expense and falls within the institution's current operating budget.

I certify that the institution has conducted research on the feasibility of the proposal and it is likely the program will be successful. Institutions' decision to implement a program shall be based upon demand and/or need for the program in terms of meeting present and future needs of the locale, state, and nation based upon societal needs, and/or student needs.

Cancel

Previous

Submit

Student ID: _____
Student Name: _____
Navigator Name: _____

Catalog: 2025-2026 Academic Catalog and Student Handbook
Program: Radiography (A.A.S.) - Pending Approval

Radiography (A.A.S.) - Pending Approval

A.A.S. Degree: 79 Hours

The Associates of Applied Science in Radiography is seeking the program’s initial accreditation from the Joint Review Committee on Education in Radiologic Technology (JRCERT). JRCERT, 20 N. Wacker Dr, Suite 2850, Chicago, IL 60606-3182. mail@jrcert.org. (312) 704-5300. Currently, the program is operating under its provisional accreditation, and the first site visit for accreditation will occur 12-18 months after students begin the program.

The program is designed to be completed over 28 months (about 2 and a half years), including 12 months of general education courses followed by core radiology courses over the last 16 months. The total credits required to earn the degree are a minimum of 79. The general education courses consist of at least 27 credit hours, and the core radiography courses consist of 52 credit hours.

The program is run in a cohort style, with cohorts beginning in the fall and spring of each year. Acceptance to the program requires a “C” or higher in all general education courses. All RAD pre-fixed courses must be completed with a “C” or higher.

The A.A.S.R.T. provides the student with the opportunity to complete approximately 800 hours of direct patient care experience caring for patients in a variety of clinical settings. Students perform clinical rotations, including 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.

The program’s didactic curriculum focuses on preparing the student to sit for the American Registry of Radiologic Technology (ARRT) national registry exam in radiography. This registry allows them to work as radiologic technologists across the country; please note that some states require additional licensures.

Pre-Admission Requirements - 27 Credit Hours

Course Name	Credits:	Semester Completed	Grade	CORE 42
BCS-165 Human Anatomy	Credits: 4			
BCS-205 Human Physiology <i>Prerequisite(s):</i> Grade of “C” or better in BCS 165.	Credits: 4			
CHM-101 Introductory Chemistry (or higher)	Credits: 4			
ENG-101 Composition I or ENG-100 Composition I With Support	Credits: 3 Credits: 5			
HSC-120 Medical Terminology	Credits: 3			
HST-120 U.S. History I: to 1865 or HST-130 U.S. History II: 1865-Present or PLS-101 American Government and Politics	Credits: 3 Credits: 3 Credits: 3			
MTH-128 Contemporary Mathematics (or higher)	Credits: 3			
PSY-110 Introduction to Psychology (or higher)	Credits: 3			

Radiography Program Requirements - 52 Credit Hours

Course Name	Credits:	Semester Completed	Grade	CORE 42
RAD-211 Essentials & Pt Care in X-ray <i>Prerequisite(s):</i> Acceptance into the Radiography program.	Credits: 2			
RAD-212 Essentials & Pt Care Lab <i>Prerequisite(s):</i> Acceptance into the Radiography program.	Credits: 2			
RAD-213 Radiographic Anatomy <i>Prerequisite(s):</i> Acceptance into the Radiography program.	Credits: 2			
RAD-214 Radiographic Physics <i>Prerequisite(s):</i> Acceptance into the Radiography program.	Credits: 2			
RAD-221 Imaging Equipment <i>Prerequisite(s):</i> Grade of “C” or better in RAD 211, RAD 212, RAD 213, RAD 214.	Credits: 2			
RAD-223 Radiography Gen. Procedures	Credits: 2			

<p><i>Prerequisite(s):</i> Grade of "C" or better in RAD 211, RAD 212, RAD 213, RAD 214.</p>				
<p>RAD-224 Radiography Gen. Proc. Lab <i>Prerequisite(s):</i> Grade of "C" or better in SON 211, SON 212, SON 213, SON 214.</p>	Credits: 2			
<p>RAD-230 Radiography Adv. Procedures <i>Prerequisite(s):</i> Grade of "C" or better in RAD 221, RAD 223, RAD 224, RAD 280.</p>	Credits: 1			
<p>RAD-280 Introduction to Clinic <i>Prerequisite(s):</i> Grade of "C" or better in RAD 211, RAD 212, RAD 213, and RAD 214</p>	Credits: 2			
<p>RAD-231 Radiography Adv. Proc. Lab <i>Prerequisite(s):</i> Grade of "C" or better in RAD 221, RAD 223, RAD 224, RAD 280.</p>	Credits: 1			
<p>RAD-233 Fluoroscopic Procedures <i>Prerequisite(s):</i> Grade of "C" or better in RAD 221, RAD 223, RAD 224, RAD 280.</p>	Credits: 1			
<p>RAD-234 Fluoroscopic Procedures Lab <i>Prerequisite(s):</i> Grade of "C" or better in RAD 221, RAD 223, RAD 224, RAD 280.</p>	Credits: 1			
<p>RAD-281 Clinic & Professionalism I <i>Prerequisite(s):</i> Grade of "C" or better in RAD 221, RAD 223, RAD 224, and RAD 280</p>	Credits: 3			
<p>RAD-241 Radiation Biology & Protection <i>Prerequisite(s):</i> A grade of "C" or better in RAD 230, RAD 231, RAD 233, RAD 234, RAD 281.</p>	Credits: 4			
<p>RAD-282 Clinic & Professionalism II <i>Prerequisite(s):</i> Grade of "C" or better in RAD 230, RAD 231, RAD 233, RAD 234, and RAD 281</p>	Credits: 4			
<p>RAD-251 Image Processing and Quality <i>Prerequisite(s):</i> Grade of "C" or better in RAD 241 and RAD 282</p>	Credits: 2			
<p>RAD-283 Clinic & Professionalism III <i>Prerequisite(s):</i> Grade of "C" or better in RAD 241 and RAD 282</p>	Credits: 5			
<p>RAD-261 Pathology & Sectional Anatomy <i>Prerequisite(s):</i> Grade of "C" or better in RAD 251 and RAD 283</p>	Credits: 2			
<p>RAD-263 Capstone & Review I <i>Prerequisite(s):</i> Grade of "C" or better in RAD 251 and RAD 283</p>	Credits: 2			
<p>RAD-284 Clinic & Professionalism IV <i>Prerequisite(s):</i> Grade of "C" or better in RAD 251 and RAD 283</p>	Credits: 4			
<p>RAD-271 Ethics for the Imager <i>Prerequisite(s):</i> Grade of "C" or better in RAD 261, RAD 263 and RAD 284</p>	Credits: 1			
<p>RAD-273 Capstone & Review II <i>Prerequisite(s):</i> Grade of "C" or better in RAD 261, RAD 263 and RAD 284</p>	Credits: 2			
<p>RAD-285 Clinic & Professionalism V <i>Prerequisite(s):</i> Grade of "C" or better in RAD 261, RAD 263, and RAD 284</p>	Credits: 3			
<p>Notes:</p>				