



**COLORADO MESA**  
UNIVERSITY

*Department of Health Sciences*

*Professional Certificates in  
Radiologic Sciences*

Information Packet



# *Professional Certificates in Radiologic Sciences*

## **About the Certificates**

The Radiologic Sciences Program offers certified and registered radiologic technologists (in a supporting category) with an associate degree the opportunity for post-primary certification in magnetic resonance imaging or computed tomography. After meeting ARRT ethics, structured education, and clinical experience requirements, completers are eligible to take the appropriate certifying examination from the American Registry of Radiologic Technologists. This can lead to greater employment opportunities, increased compensation, and job security.

All course work is in an online format. The student must procure a clinical site for completion of the clinical portion of the certificate. Colorado Mesa University and the clinical site must establish and maintain an affiliation agreement during the time the student is completing the clinical portion.

To apply to the program the applicant must:

- Have an associate degree in Radiologic Technology or the equivalent
- Hold primary pathway certification and registration with the American Registry of Radiologic Technologists

Applicants from certificate radiography programs must contact the program director for further options.

Admission requirements may change from year to year. It is the applicant's responsibility to obtain the current admission requirements. If the applicant completes essential learning (general education) requirements of the program at another college or university, the registrar must receive final transcripts before Colorado Mesa University will award a degree.

To schedule an advising appointment for the Professional Certificate in Radiologic Sciences, contact Olga Grisak, Program Coordinator, at (970) 248-1308 or [ogrisak@coloradomesa.edu](mailto:ogrisak@coloradomesa.edu). Please see the Colorado Mesa University website at <https://www.coloradomesa.edu/health-sciences/degrees/radiologic-technology.html> for information on this program.

## **GENERAL INFORMATION**

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## **Radiologic Sciences Program Mission Statement**

In alignment with the mission of Colorado Mesa University, the mission of the Radiologic Sciences Program is to offer baccalaureate level professional education and professional certifications.

## **Student Learning Outcomes for Postprimary Professional Certificates**

1. Combine academic theory with practitioner experience and skills (applied learning).
2. Develop critical thinking and problem solving skills that demonstrate a professional level of expertise in the radiologic sciences (critical thinking).
3. Promote value-based behaviors for professional practice (critical thinking).

## **Program Application Deadline**

The deadline for application each academic semester is July 15 for fall semester or December 15 for spring semester.

## **Counseling, Financial Aid, and Scholarships**

Please refer to the Colorado Mesa University website [www.coloradomesa.edu](http://www.coloradomesa.edu) or the current Colorado Mesa University catalog for information concerning career counseling, financial aid, and scholarships.

## **More Information**

For more information about the program, course requirements, and course descriptions please visit Colorado Mesa's website <http://www.coloradomesa.edu/health-sciences/degrees/radiologic-technology.html> or call 970-248-1398.

## Requirements for a Professional Certificate in Radiologic Sciences

### Curriculum and Progression to Completion

The certificate is 16 credits. The program coursework is two or three semesters in length.

<b>Magnetic Resonance Imaging Core Courses</b>	<b>Credit Hours</b>	<b>Contact Hours</b>
Sectional Anatomy	3	45
Principles of MRI	2	30
Applied MRI	3	45
Clinical I	4	180
Clinical II	4	180
<b>Total Hours</b>	<b>16</b>	<b>480</b>

<b>Computed Tomography Core Courses</b>	<b>Credit Hours</b>	<b>Contact Hours</b>
Sectional Anatomy	3	45
Principles of CT	2	30
Applied CT	3	45
Clinical I	4	180
Clinical II	4	180
<b>Total Hours</b>	<b>16</b>	<b>480</b>

### Conversion

Didactic (15 hours/1 credit hour)

Clinical (45 hours/1 credit hour)

## **Suggested Course Sequencing for a Professional Certificate in Radiologic Sciences after Completing an AAS/AA or BS in Radiologic Technology**

This is a recommended sequence of course work. Certain courses may have prerequisites or they may only be offered during the fall or spring semesters. It is the student's responsibility to meet with the assigned advisor and check the two-year course matrix on the Colorado Mesa website for course availability.

### **Magnetic Resonance Imaging**

#### **Fall Semester: 9 credits**

- RADS 460 - Principles of MRI (2)
- RADS 452 - Sectional Anatomy (3)
- RADS 480 - Clinical Specialization I (4)\*

#### **Spring Semester: 7 credits**

- RADS 470 - Applied MRI (3)
- RADS 490 - Clinical Specialization II (4)\*

### **Computed Tomography**

#### **Spring Semester: 6 credits**

- RADS 461 - Principles of CT (2)
- RADS 480 - Clinical Specialization I (4)\*

#### **Fall Semester: 10 credits**

- RADS 452 - Sectional Anatomy (3)
- RADS 471 - Applied CT (3)
- RADS 490 - Clinical Specialization II (4)\*

\*Summer sessions for clinical are available following successful completion of the prerequisite course (RADS 460 Principles of MRI or RADS 461 Principles of CT for Clinical I, and RADS 470 Applied MRI or RADS 471 Applied CT for Clinical II).

## **Common Questions and Answers about Professional Certificates in Radiologic Sciences**

Please read all application materials, the program course descriptions in the CMU catalog, and visit the program website at <http://www.coloradomesa.edu/health-sciences/degrees/radiologic-technology.html>

### **What is the delivery system for the program?**

*All courses are available online.*

### **Do I need my own computer?**

*As requirements are delivered online, having your own computer gives you more freedom in completing course assignments. Computer labs are available on campus for student use. As a student, you receive access to the MAVzone, a web-based learning program Desire to Learn (D2L), and an email address.*

### **Do I have to receive acceptance from CMU before I can apply for the professional certificate program?**

*Yes.*

### **Does the professional certificate program require an admission fee?**

*No, there is no fee to apply, but there is a fee to apply to CMU.*

### **What are the application deadlines for the program?**

*The application deadline is July 15 for fall semester and December 15 for spring semester.*

### **Should I apply before I request prior college transcripts to be mailed to CMU?**

*You may turn in the application form before you ask other colleges to send transcripts. However, it is your responsibility to make sure the Department of Health Sciences receives all application documents before the deadline. Contact the Registrar's Office at 248-1555 to have transfer credits evaluated for possible acceptance at Colorado Mesa University.*

### **Does the Department of Health Sciences have to receive all application documents before the application deadline?**

*Yes, the Department of Health Sciences must receive copies of all college transcripts, a transcript evaluation (if you have taken courses from other colleges), and a program application prior to the deadline.*

### **Do I have to be continuously enrolled in professional certificate coursework?**

*Yes, once you have been accepted you must register for at least one course each fall and spring. If you find it necessary to interrupt the program of study for one or more semesters, you can request an extension and readmission into the program.*

### **Do I have to take the courses in sequence?**

*You cannot take Clinical I unless you are enrolled or have successfully completed RADS 460 Principles of MRI or RADS 461 Principles of CT. You cannot take Clinical II unless you are enrolled or have successfully completed RADS 470 Applied MRI or RADS 471 Applied CT.*

### **Is there a deadline for completing coursework?**

*Yes, you must complete all coursework for graduation within two years following acceptance into the program.*

**When does the program start?**

*Students can enter the program in the fall or spring semesters. However, certain courses have prerequisites or are only offered during the fall or spring semesters.*

**Is clinical experience a part of the curriculum?**

*Yes, clinical experience is part of the curriculum. Students complete 180 hours of clinical experience per semester for two semesters with the goal to complete all ARRT competency requirements during that time.*

**Does CMU determine where I complete clinical experiences?**

*No, it is up to the student to find a clinical facility to complete clinical experiences. An affiliation agreement between CMU and the clinical facility must be in place. Contact the program director well in advance as the process to acquire the agreement may take four to six weeks or longer to complete. Please note that clinical facilities require a criminal background investigation, immunization records, and other documentation prior to accepting students.*

**How much does the program cost?**

*Please visit <http://www.coloradomesa.edu/student-accounts/expenses.html> for current tuition and fee information. The admissions office can answer questions about tuition and fees. See Projected Radiologic Technology Program Costs for estimated expenditures for the program.*

**Are there any scholarships specifically for students in the program?**

*There are no specific scholarships designated RS students. Students may qualify for other scholarships. Applications for scholarships are processed during the spring semester to assist students in paying for the next academic year. Please contact the Financial Aid Department for further aid information.*

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Department of Health Sciences, Colorado Mesa University**

**Projected Costs**

This list serves as an estimate to assist students in budgeting. The costs are approximate and are subject to change without notice.

<b>Tuition and Fees</b>	<a href="http://www.coloradomesa.edu/student-accounts/expenses.html">http://www.coloradomesa.edu/student-accounts/expenses.html</a>	Variable
<b>Miscellaneous</b>		
Health insurance		Variable
Background Screen (prior to beginning program)		60.00
Drug screen		36.00
Liability insurance (annually)		40.00
CPR certification		32.00
MyClinicalExchange		40.00
<b>Immunizations</b>		
TST-2 part initially (TB skin test) testing; one test annually	50.00 to 60.00/test	
Tetanus, diphtheria, and pertussis (TDaP) vaccination	30.00-67.00	
Influenza (flu) vaccination (annually)	0-30.00	
Varicella (chicken pox) vaccination	154.00-159.00	
Measles, mumps, and rubella vaccination	67.00-110.00	
Hepatitis B immunizations (\$60-120 x 3)	145.00-300.00	
Meningococcal (suggested) immunization	90.00-135.00	
<b>Books-The Maverick Store (new book pricing) <a href="http://www.themaverickstore.com">http://www.themaverickstore.com</a></b>		
<b>Uniforms</b>		
Uniform (\$45 x 2 recommended)		90.00
Lab coat (optional)		40.00
Shoes		70.00
<b>Incidentals</b>		
Name tag		Provided by program
Dosimeter – initial setup fee		10.00
RT Program identification patches		5.00



## **Application Process**

### **Admission to Colorado Mesa University**

The program requires applicants to have CMU admittance prior to submission of the separate application for the certificate. Submit a completed **Colorado Mesa University application**, including application fee, through the Admissions Office or reactivate an application file if you have missed one semester at Colorado Mesa University, declaring the Professional Certificate in Magnetic Resonance Imaging or Computed Tomography as area of emphasis. If you are a graduate of Colorado Mesa University, you must readmit to the University. Online applications to CMU are available at [www.coloradomesa.edu/admissions](http://www.coloradomesa.edu/admissions). CMU must accept you and assign the Professional Certificate in Magnetic Resonance Imaging or Computed Tomography major code before you can register for classes.

Admission requirements may change from year to year. It is the applicant's responsibility to obtain the current admission requirements. If the applicant completes essential learning (general education) requirements of the program at another college or university, the registrar must receive final transcripts before Colorado Mesa University will award a degree.

### **Program Application and Selection Process**

*The application deadline is July 15 for fall semester and December 15 for spring semester.*