

RADIOLOGIC TECHNOLOGY, BAS

Program Code: Radiologic Technology-BAS

This program can be completed 100% online.

Program Description

The TMCC Radiologic Technology Bachelor of Applied Science will provide graduates with the knowledge and skills necessary to be a successful imaging leader and an active member of the healthcare team. The program recognizes the educational and professional experiences that registered imaging professionals possess and builds upon an already solid foundation. The BAS can be completed in 12 months and courses are offered in 8-week blocks.

Recommended Course Schedule

1st semester			Units
ENG 101	Composition I		3
or ENG 100	or Composition Enhanced		
or	or Composition I for International and Multilingual Students		
ENG 113			
MATH 120	Fundamentals of College Mathematics (or higher)	3	
Science		3	
Human Relations		3	
Associate degree courses		3	
Semester Total			15
2nd semester			
Communications		3	
Fine Arts/Humanities/Social Science/Diversity		3	
U.S. and Nevada Constitutions		3	
Associate degree courses		6	
Semester Total			15
3rd semester			
Associate degree courses		15	
Semester Total			15
4th semester			
Associate degree courses		15	
Semester Total			15
5th semester			
Associate degree courses		15	
Semester Total			15
6th semester			
RAD 430	Research Methods and Information Literacy	3	
RAD 310	Advanced Communication	3	
RAD 312	Radiologic Technology Advanced Patient Care	3	
RAD 314	Health Care Delivery, Ethics and Medical Law	3	

Electives		3
Semester Total		15
7th semester		
RAD 320	Health Care Informatics	3
RAD 322	Leadership and Team Building	3
RAD 324	Educational Principles for Technologists	3
RAD 412	Diversity and Cultural Competence	3
Electives		3
Semester Total		15
8th semester		
RAD 414	Health Care Compliance and Accreditation	3
RAD 410	Advanced Quality Management	3
RAD 335	Forensic Radiology	3
RAD 416	Artificial Intelligence in Radiology	3
Electives		3
Semester Total		15
Total Units		120

Special Admission Requirements

Admission to the BAS radiologic technology program is a separate process from admission to Truckee Meadows Community College. In order to be considered for admission, all students must meet the requirements for formal admission to Truckee Meadows Community College.

Official associate degree program transcripts must be submitted. All students applying for the BAS program must meet the following minimum criteria:

- An active ARRT or equivalent registry when coursework begins.
- Graduated with an Associate Degree in Radiologic Technology from a regionally accredited program.

Please visit the the Radiologic Technology website (<https://www.tmcc.edu/radiologic-technology/>) for specific admission advising.

Program Requirements

To earn a Bachelor of Applied Science Degree, students must:

1. Maintain a minimum cumulative GPA of 2.0 (see requirements for graduation.)
2. Satisfy General Education requirements for a Bachelor of Applied Science degree (<https://catalog.tmcc.edu/degrees-certificates/general-education/aas/>).
3. Complete 120 units in total.
 - 30 upper-division units must be completed at TMCC.
4. Have no financial or library obligation to the college.

Code	Title	Units
General Education Requirements		
Communications		3
English		3
Required:		
ENG 101	Composition I	
or ENG 100	Composition Enhanced	

or ENG 113	Composition I for International and Multilingual Students	
<i>Fine Arts/Humanities/Social Science</i>		3
<i>Mathematics</i>		3
Required:		
MATH 120	Fundamentals of College Mathematics (or higher)	
<i>Science</i>		3
ADDITIONAL COLLEGE REQUIREMENTS		
<i>Diversity</i> ²		(3)
<i>Human Relations</i>		3
<i>U.S. and Nevada Constitutions</i> ²		3
Lower level units from Associates Degrees		54
Upper Division Requirements		
RAD 310	Advanced Communication	3
RAD 312	Radiologic Technology Advanced Patient Care	3
RAD 314	Health Care Delivery, Ethics and Medical Law	3
RAD 320	Health Care Informatics	3
RAD 322	Leadership and Team Building	3
RAD 324	Educational Principles for Technologists	3
RAD 335	Forensic Radiology	3
RAD 410	Advanced Quality Management	3
RAD 412	Diversity and Cultural Competence	3
RAD 414	Health Care Compliance and Accreditation	3
RAD 416	Artificial Intelligence in Radiology	3
RAD 430	Research Methods and Information Literacy	3
<i>Electives</i>		9
Total Units		120

PSLO 4. Evaluate information management, innovative technology, and systems to ensure continuous quality improvement.

PSLO 5. Examine principles of imaging to improve equitable health outcomes for individuals, families, groups, and communities.

PSLO 6. Exhibit effective inter-professional communication and collaboration to provide quality, ethical, holistic patient care.

PSLO 7. Integrate leadership skills and knowledge of the healthcare, financial, and regulatory systems to advance professional practice.

¹ If you place into ENG 102 (<http://catalog.tmcc.edu/search/?P=ENG%20102>) or ENG 114 (<http://catalog.tmcc.edu/search/?P=ENG%20114>), there are no additional units of English required for the BAS. Students must have a total of 120 units to complete the BAS degree.

² Courses used to satisfy the Diversity and the U.S. and Nevada Constitutions requirements may also apply to a General Education requirement or a degree requirement.

Program Outcomes

Students completing the degree will:

PSLO 1. Analyze the advancement of the imaging profession including leadership and lifelong learning.

PSLO 2. Compare research findings from imaging and other healthcare disciplines to address community health concerns and examine evidence-based practice.

PSLO 3. Identify principles of leadership, management and continuous quality improvement to promote patient safety and equity across diverse populations.