

Radiologic Technology Mission Statement

It is the mission of the MTC Department of Radiologic Sciences to provide skills for success in the field of radiologic technology.

MTC Radiologic Technology Program Assessment Plan

Goal 1: Students will demonstrate competency in the clinical setting.

Outcome	Assessment Tools	Benchmark	Timeframe	Person	Results	Analysis	Action Plan
1a. Students will accurately position the patient	MTC Bi-weekly Evaluation Form - Item 5b	≥ 3.5 (on a scale of 1 to 4)	Spring Semester Clinical (2022)				
	MTC Radiology Readiness - Item 3c	≥ 4.75 (on a scale of 1 to 6)	Spring Semester (2022)				
1b. Students will properly manipulate radiographic equipment	MTC Bi-weekly Evaluation Form - Item 3a	≥ 3.5 (on a scale of 1 to 4)	Spring Semester Clinical (2022)				
	MTC Radiology Readiness - Item 3a	≥ 4.75 (on a scale of 1 to 6)	Spring Semester (2022)				
1c. Students will apply principles of radiation protection	MTC Bi-weekly Evaluation Form - Item 4f	≥ 3.5 (on a scale of 1 to 4)	Fall Semester Clinical (2021)				
	MTC Bi-weekly Evaluation Form - Item 4f	≥ 3.75 (on a scale of 1 to 4)	Spring Semester Clinical (2022)				

Goal 2: Students will think critically.

Outcome	Assessment Tools	Benchmark	Timeframe	Person	Results	Analysis	Action Plan
2a. Students will perform non-routine examinations	Clinical Competency Evaluation for Trauma Upper Extremity	Class average \geq 85%	Annual – Collected in May (2022)				
	Radiology Readiness Evaluation – Item 4a	\geq 4.75 (on a scale of 1 to 6)	Spring Semester (2022)				
2b. Students will identify diagnostic quality images	RAD 152 Image Critique Final	Class average \geq 80%	Spring Semester (2021)				
	Radiology Readiness Evaluation – Item 4c	\geq 4.75 (on a scale of 1 to 6)	Spring Semester (2022)				
2c. Students will recognize emergency patient conditions and initiate appropriate procedures	RAD 120 Medical Emergencies Chapter Test	Class average \geq 80%	Spring Semester (2021)				
	Radiology Readiness Evaluation – Item 4b	\geq 4.75 (on a scale of 1 to 6)	Spring Semester (2022)				

Goal 3: Students will communicate effectively.

Outcome	Assessment Tools	Benchmark	Timeframe	Person	Results	Analysis	Action Plan
3a. Students will demonstrate effective communication skills with staff	MTC Bi-weekly Evaluation Form - Item 6e	≥ 3.5 (on a scale of 1 to 4)	Summer Semester Clinical (2021)				
	MTC Bi-weekly Evaluation Form - Item 6e	≥ 3.75 (on a scale of 1 to 4)	Spring Semester Clinical (2022)				
3b. Students will demonstrate effective communication skills with patients	MTC Bi-weekly Evaluation Form - Item 4c	≥ 3.5 (on a scale of 1 to 4)	Summer Semester Clinical (2021)				
	MTC Bi-weekly Evaluation Form - Item 4c	≥ 3.75 (on a scale of 1 to 4)	Spring Semester Clinical (2022)				
3c. Students will demonstrate effective written communication skills	RAD 160 Case Study	Class average ≥ 80%	Spring Semester (2021)				
	RAD 222 Exhibit Report	Class average ≥ 85%	Fall Semester (2022)				
3d. Students will demonstrate effective oral communication skills	RAD 160 Case Study Presentation	Class average ≥ 80%	Spring Semester (2021)				
	RAD 232 Exhibit Presentation	Class average ≥ 85%	Spring Semester (2022)				

Goal 4: Students will demonstrate professional behavior.

Outcome	Assessment Tool	Benchmark	Timeframe	Person	Results	Analysis	Action Plan
4a. Students will meet professional appearance standards	Bi-weekly Clinical Evaluation - Item 2a	≥ 3.75 (on a scale of 1 to 4)	Spring Semester Clinical (2022)				
	Bi-weekly Clinical Evaluation - Item 2b	≥ 3.75 (on a scale of 1 to 4)	Spring Semester Clinical (2022)				
4b. Students will conduct themselves in a professional manner	Bi-weekly Clinical Evaluation - Section 6 Items a-h	≥ 3.75 (on a scale of 1 to 4)	Spring Semester Clinical (2022)				
	Bi-weekly Clinical Evaluation - Section 6 Items i-m	≥ 3.75 (on a scale of 1 to 4)	Spring Semester Clinical (2022)				
4c. Students will demonstrate knowledge of patient confidentiality and HIPAA standards	Bi-weekly Clinical Evaluation - Item 4a	≥ 3.75 (on a scale of 1 to 4)	Spring Semester Clinical (2022)				
	Online HIPAA Training	Class average ≥ 95%	Fall Semester (2020)				

Goal 5: The graduates will become registered radiologic technologists employed in their field.

Outcome	Assessment Tool	Benchmark	Time Frame	Person	Results	Analysis	Action Plan
5a. Graduates will pass the ARRT exam	ARRT Registry Results	Five-year average pass rate \geq 85% at first attempt within six months of graduation	Annually				
5b. Graduates will perform as entry-level technologists	MTC Alumni Survey	90% satisfaction on statement #6 (for surveys returned)	Every three years				
	MTC Employer Survey	90% agree program meets or exceeds expectations (statement #4)	Every three years				
5c. Graduates seeking employment will find employment within 12 months of graduation	MTC Annual Placement Survey	90% five-year average of all graduates seeking employment find employment in radiologic sciences within 12 months of graduation	Annually				
5d. Students will complete the program	Graduation Rate as defined by JRCERT Standard 6.1	85% of students starting the program will complete the program	Annually				