**Radiologic Technology Mission Statement**

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

**MTC Radiologic Technology Program Assessment Data**

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

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| **Outcome** | **Assessment Tools** | **Benchmark** | **Timeframe** | **Person** | **Results** | **Analysis** | **Action Plan** |
| 1a. Students will accurately position the patient | MTC Bi-weekly Evaluation Form - Item 5b | ≥ 4.70 (on a scale of 1 to 5) | Spring Semester Clinical | Clinical Coordinator |  |  |  |
| MTC Radiology Readiness – Item 3c | ≥ 4.75 (on a scale of 1 to 6) | Spring Semester | Program Director |  |  |  |
| 1b. Students will properly manipulate radiographic equipment | MTC Bi-weekly Evaluation Form - Item 3a | ≥ 4.70 (on a scale of 1 to 5) | Spring Semester Clinical | Clinical Coordinator |  |  |  |
| MTC Radiology Readiness – Item 3a | ≥ 4.75 (on a scale of 1 to 6) | Spring Semester | Program Director |  |  |  |
| 1c. Students will apply principles of radiation protection | MTC Bi-weekly Evaluation Form - Item 4f | ≥ 4.50 (on a scale of 1 to 5) | Fall Semester Clinical | Clinical Coordinator |  |  |  |
| MTC Bi-weekly Evaluation Form - Item 4f | ≥ 4.70 (on a scale of 1 to 5) | Spring Semester Clinical | Clinical Coordinator |  |  |  |

***\*denotes previous scale of 1-4***

**Goal 2: Students will think critically.**

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| **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 ≥ 90% | Annual – Collected in May | Program Director |  |  |  |
| Radiology Readiness Evaluation – Item 4a | ≥ 4.75 (on a scale of 1 to 6) | Spring Semester | Program Director |  |  |  |
| 2b. Students will identify diagnostic quality images | RAD 152 Image Critique Final | Class average ≥ 80% | Spring Semester | RAD 152 Faculty |  |  |  |
| Radiology Readiness Evaluation – Item 4c | ≥ 4.75 (on a scale of 1 to 6) | Spring Semester | Program Director |  |  |  |
| 2c. Students will recognize emergency patient conditions and initiate appropriate procedures | RAD 120 Medical Emergencies Chapter Test *(note: this will change to Emergency Recheck Simulation for Class of 2025)* | Class average ≥ 80% | Spring Semester | RAD 120 Faculty |  |  |  |
| Radiology Readiness Evaluation – Item 4b | ≥ 4.75 (on a scale of 1 to 6) | Spring Semester | Program Director |  |  |  |

**Goal 3: Students will communicate effectively.**

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| **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 | ≥ 4.50 (on a scale of 1 to 5) | Summer Semester Clinical | Clinical Coordinator |  |  |  |
| MTC Bi-weekly Evaluation Form - Item 6e | ≥ 4.70 (on a scale of 1 to 5) | Spring Semester Clinical | Clinical Coordinator |  |  |  |
| 3b. Students will demonstrate effective communication skills with patients | MTC Bi-weekly Evaluation Form - Item 4c | ≥ 4.50 (on a scale of 1 to 5) | Summer Semester Clinical | Clinical Coordinator |  |  |  |
| MTC Bi-weekly Evaluation Form - Item 4c | ≥ 4.70 (on a scale of 1 to 5) | Spring Semester Clinical | Clinical Coordinator |  |  |  |
| 3c. Students will demonstrate effective written communication skills | RAD 160 Case Study | Class average ≥ 80% | Spring Semester | RAD 160 Faculty |  |  |  |
| RAD 222 Exhibit Report | Class average ≥ 85% | Fall Semester | Program Director |  |  |  |
| 3d. Students will demonstrate effective oral communication skills | RAD 160 Case Study Presentation | Class average ≥ 80% | Spring Semester | RAD 160 Faculty |  |  |  |
| RAD 232 Exhibit Presentation | Class average ≥ 85% | Spring Semester | Program Director |  |  |  |

***\*denotes previous scale of 1-4***

**Program Effectiveness Data**

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| **Outcome** | **Assessment Tool** | **Benchmark** | **Time Frame** | **Person** | **Results** | **Analysis** | **Action Plan** |
| Graduates will pass the ARRT exam | ARRT Registry Results | Five-year average pass rate ≥ 85% at first attempt within six months of graduation | Annually | Program Director |  |  |  |
| Graduates will perform as entry- level technologists | MTC Alumni Survey | 90% satisfaction on statement #6 (for surveys returned) | Every three years | Institutional Effectiveness Director |  |  |  |
| MTC Employer Survey | 90% agree program meets or exceeds expectations (statement #4) | Every three years | Institutional Effectiveness Director |  |  |  |
| 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 | Institutional Effectiveness Director |  |  |  |
| 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 | Institutional Effectiveness Director |  |  |  |