**MTC Radiation Therapy Program Assessment Plan**

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

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| **Outcome** | **Assessment Tool** | **Benchmark** | **Timeframe** | **Person** | **Results** | **Analysis** | **Action Plan** |
| 1a. Students will demonstrate competency in simulation. | Simulation Competency Evaluation Form | ≥ 80% of competencies are passed by all students on the first attempt | Annually in the spring semester | Paula Freeman |  |  |  |
| Simulation Competency Evaluation Form  | ≥ 90% of competencies are passed by all students on the first attempt | Annually in the summer semester | Paula Freeman |  |  |  |
| 1b. Students will demonstrate competency in treatment delivery. | Treatment Procedure Competency Evaluation  | ≥ 90% of competencies are passed by all students on the first attempt | Annually in the summer semester | Paula Freeman |  |  |  |
| Clinical Evaluation ***treatment machine*** (Items 21-35)  | ≥ 3 (on a scale of 1 to 4) average on students’ final evaluation | Annually- August | Paula Freeman |  |  |  |
| 1c. Students demonstrate principles of radiation protection. | Treatment Procedure Competency Evaluation form (Item 16) | ≥ 90% “yes” response on first attempt | Annually- August | Paula Freeman |  |  |  |
| Simulation Competency Evaluation (Item 14) | ≥ 90% “yes” on first attempt  | Annually- August | Paula Freeman |  |  |  |

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

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| **Outcome** | **Assessment Tool** | **Benchmark** | **Timeframe** | **Person** | **Results** | **Analysis** | **Action Plan** |
| 2a. Students demonstrate good judgment and decision-making. | Professional Development Evaluation(Item 10) | ≥ 3.5 (on a scale of 1 to 5)  | Annually- August | Paula Freeman |  |  |  |
| Scripting and Thermoplastic Construction Simulation Lab (Item 7) | 90% of students will select the appropriate headrest | Annually – fall semester | Paula Freeman |  |  |  |
| 2b. Students recognize discrepancies and develop solutions to clinical situations. | Clinical Evaluation ***Treatment Machine*** (Items 15 & 20)  | ≥ 3 (on a scale of 1 to 4) average on students’ final evaluation  | Annually- August | Paula Freeman |  |  |  |
| Clinical Evaluation ***Simulation***(Items 15 & 20)  | ≥ 3 (on a scale of 1 to 4) average on students’ final evaluation  | Annually- August | Paula Freeman |  |  |  |

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

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| **Outcome** | **Assessment Tool** | **Benchmark** | **Timeframe** | **Person** | **Results** | **Analysis** | **Action Plan** |
| 3a. Students demonstrate effective written communication skills. | MTC Writing Rubric on RTH 205 final project | ≥ 90% (5-year class average) | Annually - December | Paula Freeman |  |  |  |
| Writing unit grade for Modern Radiation Therapy Research (RTH 211) | ≥ 90% (5-year class average) | Annually -August  | Paula Freeman |  |  |  |
| 3b. Students demonstrate effective oral communication skills. | Professional Development Evaluation(Item 12) | ≥ 3.5 (on a scale of 1 to 5)  | Annually -August | Paula Freeman |  |  |  |
| Scripting and Thermoplastic Construction Simulation Lab (Item 11) | ≥ 8.5 (on a scale of 1 to 10) class average | Annually –Fall semester | Paula Freeman |  |  |  |

**Goal 4: Students will demonstrate professional attitudes, behaviors, growth and ethics.**

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| **Outcome** | **Assessment Tool** | **Benchmark** | **Timeframe** | **Person** | **Results** | **Analysis** | **Action Plan** |
| 4a. Students conduct themselves in an ethical and professional manner. | HIPAATraining.com Module Final Exam | ≥95% class average | Annually – May | Marla Smith |  |  |  |
| MTC Work Ethic Rubric total score | ≥ 90 (out of 100) class average score | Annually – May | PaulaFreeman/ MarlaSmith |  |  |  |
| MTC Work Ethic Rubric total score | ≥ 95 (out of 100) class average score | Annually - August | PaulaFreeman/ MarlaSmith |  |  |  |
| 4b. Students work effectively with supervisory personnel. | Clinical Evaluation ***Simulation*** (Item 40) | ≥ 3 (on a scale of 1 to 4) average on students’ final evaluation | Annually – August | Paula Freeman |  |  |  |
| Clinical Evaluation ***Treatment Machine*** (Item 40) | ≥ 3 (on a scale of 1 to 4) average on students’ final evaluation | Annually – August | Paula Freeman |  |  |  |

**Goal 5: The graduates will become registered radiation therapists employed in their field.**

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| **Outcome** | **Assessment Tool** | **Benchmark** | **Time Frame** | **Person** | **Results** | **Analysis** | **Action Plan** |
| 5a. Graduates will pass the ARRT exam. | ARRT Registry Results  | 75% of graduates will pass their first attempt of registry exam (5-year average) | Annually | Paula Freeman |  |  |  |
| 5b. Graduates will perform as entry level therapists. | MTC Alumni Satisfaction Survey (Item 7) | ≥ 3.0 (on a scale of 1 to 4) average satisfaction rating | Every three years - May | Marla Smith |  |  |  |
| MTC Employer Satisfaction Survey (Item 4) | ≥ 80% of employers are satisfied with graduates’ technical preparation | Every three years - May | Marla Smith |  |  |  |
| 5c. Graduates seeking employment will find employment within 12 months of graduation. | MTC Annual Graduate Outcomes Survey | ≥ 80% five-year average of all graduates seeking employment find employment in radiation therapy within 12 months of graduation  | Annually  | Janet Greenway |  |  |  |
| 5d. Students will complete the program | Annual program completion rate as defined by JRCERT Standard 6.1 | ≥80% of students complete the program within 12 months | Annually | Marla Smith |  |  |  |