

## MTI Radiation Therapy Program Assessment Plan 2016-17 Results

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

<b>Outcome</b>	<b>Assessment Tool</b>	<b>Benchmark</b>	<b>Timeframe</b>	<b>Person</b>	<b>Results</b>
1a. Students will demonstrate competency in simulation.	Simulation Competency Evaluation Form	≥ 90% of competencies are passed by all students on the first attempt	Annually in the May	Marla Smith	100%
	MTI Employer Survey (Item 2A)	≥ 3.5 (on a scale of 1 to 4) average employer rating	Every three years - May	Marla Smith	100%
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 - August	Paula Freeman	99%
	Clinical Evaluation <b>treatment machine</b> (Items 21-35)	≥ 3 (on a scale of 1 to 4) average on students' final evaluation	Annually - May	Marla Smith	3.68
1c. Students demonstrates principles of radiation protection.	Treatment Procedure Competency Evaluation form (Item 16)	≥ 90% "yes" response on first attempt	Annually- August	Marla Smith	100%

	Simulation Competency Evaluation (Item 13)	≥ 90% "yes" on first attempt	Annually-August	Marla Smith	100%
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**Goal 2: Students will think critically.**

<b>Outcome</b>	<b>Assessment Tool</b>	<b>Benchmark</b>	<b>Timeframe</b>	<b>Person</b>	<b>Results</b>
2a. Students demonstrate good judgment and decision-making in the clinical setting.	Professional Development Evaluation (Item 10)	≥ 3.5 (on a scale of 1 to 5)	Annually-August	Marla Smith	4.48
	MTI Employer Survey (Item 2K)	≥ 3.5 (on a scale of 1 to 4) average employer rating	Every three years - May	Marla Smith	4.00
2b. Students recognize discrepancies and develop solutions to clinical situations.	Clinical Evaluation <b>Treatment Machine</b> (Items 15 & 20)	≥ 3 (on a scale of 1 to 4) average on students' final evaluation	Annually-August	Marla Smith	3.90
	Clinical Evaluation <b>Simulation</b> (Items 15 & 20)	≥ 3 (on a scale of 1 to 4) average on students' final evaluation	Annually-August	Marla Smith	3.90

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

<b>Outcome</b>	<b>Assessment Tool</b>	<b>Benchmark</b>	<b>Timeframe</b>	<b>Person</b>	<b>Results</b>
3a. Students demonstrate effective written communication skills.	Writing unit grade for Modern Radiation Therapy Research (RTH 211)	≥ 90% class average (5-year average)	Annually - August	Paula Freeman	88%
3b. Students demonstrate effective oral communication skills.	Professional Development Evaluation (Item 12)	≥ 3.5 (on a scale of 1 to 5)	Annually - August	Marla Smith	4.42
	Rubric scores for RTH 211 oral presentation	≥ 90% class average (5-year average)	Annually – August	Paula Freeman	88%

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

<b>Outcome</b>	<b>Assessment Tool</b>	<b>Benchmark</b>	<b>Timeframe</b>	<b>Person</b>	<b>Results</b>
4a. Students conduct themselves in an ethical and professional manner.	HIPAA Training.com Module Final Exam	≥95% class average	Annually - May	Paula Freeman	97%
	MTI Work Ethic Rubric total score	≥ 12 (out of 16) class average score	Annually - May	Paula Freeman/ Marla Smith	15
	MTI Employer Survey (Item 2M)	≥ 3.5 (on a scale of 1 to 4) average employer rating	Every three years - May	Marla Smith	4.00
4b. Students work effectively with supervisory personnel.	Clinical Evaluation <b>Simulation</b> (Item 40)	≥ 3 (on a scale of 1 to 4) average on students' final evaluation	Annually - August	Marla Smith	4.00
	Clinical Evaluation <b>Treatment Machine</b> (Item 40)	≥ 3 (on a scale of 1 to 4) average on students' final evaluation	Annually - August	Marla Smith	4.00
4c. Students participate in a minimum of one local, state, or national seminar.	Scientific exhibit score of 85% or higher to qualify to be entered in state competition	80% of students will qualify for entry in state competition	Annually - December	Paula Freeman	100%
	Reflection paper on experiences on a local, state, or national seminar	100% of students will complete reflection paper	Annually - August	Paula Freeman	100%

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

<b>Outcome</b>	<b>Assessment Tool</b>	<b>Benchmark</b>	<b>Time Frame</b>	<b>Person</b>	<b>Results</b>
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	92%
5b. Graduates will perform as entry level therapists.	MTI Alumni Survey (Item 7)	≥ 3.0 (on a scale of 1 to 4) average satisfaction rating	Every three years - May	Marla Smith	3.2
	MTI Employer Survey (Item 4)	≥ 80% of employers are satisfied with graduates' technical preparation	Every three years - May	Marla Smith	100%
5c. Graduates seeking employment will find employment within 12 months of graduation.	MTI Annual Placement Survey	≥ 75% five-year average of all graduates seeking employment find employment in radiation therapy within 12 months of graduation	Annually	Marla Smith	77%