

UWL Radiation Therapy Outcome Assessment Plan (effective September 1, 2024)

Program Goal	Outcomes	Measures	Benchmarks	Assessment Schedule	Person Responsible
<p>Students will demonstrate critical thinking skills.</p>	<p>Students will demonstrate the ability to apply concepts of radiation therapy practice when provided with a case or research information for analysis.</p>	<p>RT 401 Case Study Rubric</p>	<p>Students will average a score of 9.5 of 10 points on external landmarks, patient assessment and TD_{5/5} sections of rubric.</p>	<p>Term 3</p>	
		<p>RT 421 Case study rubric 1- CNS (no lymph) 2- Head and Neck 3- Chest & Thorax 4- Abdomen & Pelvis</p>	<p>Students will average scores of 8.5 of 9 on Case studies #1 and #2 and 8.75 of 9 on Case studies #3 and #4 on skeletal anatomy, soft tissue anatomy, blood vessel anatomy, lymphatic anatomy, and TD_{5/5} sections of rubric.</p>	<p>Term 4</p>	
		<p>RT 325, 370, & RT 412 Research paper rubric</p>	<p>Students will average a score of 3 or better of 4 on the analysis and synthesis of research section of the rubric and show progression of improvement through program.</p>	<p>Terms 1, 2, & 5</p>	

	Students will identify locations of lymphatic chains and understand lymphatic drainage of specific organs.	<p>RT 401 unit and final exam lymphatics questions.</p> <p>RT 421 unit and final exam lymphatics questions. Unit exams: 1, 3, 4, 5, 6, and final exams.</p> <p>RT 421 Case study rubric 2- Head & Neck 3- Chest & Thorax 4- Abdomen & Pelvis</p> <p>RT 481 quizzes and mock board review questions</p>	<p>Students will have an improvement in unit exam lymphatic questions scores as they progress through RT 401 and 421 and have an average of 85% or greater on the final exam.</p> <p>Students will average scores of 8.5 of 9 on Case studies #1 and #2 and 8.75 of 9 on Case studies #3 and #4 on lymphatic anatomy section of the rubric.</p> <p>Students will get 85% of questions related to lymphatics correct.</p>	<p>Terms 3, 4 (start tracking in RT 401 in Summer 2025.)</p> <p>Term 4</p> <p>Term 6</p>	
Students will develop and exhibit professional behaviors.	Students will show the ability to manage stress	Professional development evaluation, stress management section	Students will show progression on professional development plan	All terms	

			through program and end with all Mets. on stress mgmt. section of professional development evaluation (item #22).		
	Students will conduct themselves in a professional manner	Professional development plans Affective evaluations- Linac and Simulation; Professional Behaviors Section	Students will show progression through program and end with all mets professional development plan. Students will show progression through program and end with all mets on items 2, 3, and 5 of professional behaviors sections of linac and simulation affective evaluations. Will be met at least 75-100% in RT 472, 85-100% of time in RT 473 and 94-100% of time in RT 474.	All terms Terms 4-6	
Students will be clinically competent.	Students will demonstrate understanding of image guided	RT 390 unit and final exam questions	Students will get 85% of questions correct.	Term 2 Term 3	

	radiation therapy treatment.	<p>RT 401 IGRT unit exam & final exam questions</p> <p>RT 472, 473 & 474 comp forms- imaging equipment section; measure if on failed comps, it was related to failing imaging equipment section.</p> <p>Linac Affective evaluations in 472, 473 & 474- accuracy section; #4</p>	<p>Students will get 85% of questions correct, show progression through course.</p> <p>Students meet competency requirements of imaging equipment section of the clinical competency form. Show progression of competency through program. For RT 472 students will fail 2 or less competency exams and none in RT 473 or 474.</p> <p>Students will show progression through program and end with all mets on item 4 of accuracy section of linac affective evaluations. Will be met at least 85-100% of time in RT 472 & 473 and 94-100% of time in RT 474.</p>	<p>Terms 4-6</p> <p>Terms 4-6</p>	
	Students will demonstrate clinical competency by	Clinical competency forms	Students will average 2 or less failed competency exams in	Terms 4-6	

	interpreting data to accurately deliver radiation therapy treatments.	Linac Affective evaluations-accuracy and application of knowledge sections	RT 472 and none in RT 473 and 474. Students will show progression through program and end with all mets on items 2 & 4 of the accuracy section and items 1, 2, and 7 the application of knowledge sections of linac affective evaluations. Will be met at least 75-100% in RT 472, 85-100% of time in RT 473 and 94-100% of time in RT 474.	Terms 4-6 (Note: Accuracy item #4 only tracked in RT 473 and 474 and Application of Knowledge item #7 only tracked in RT 473 and 474.	
Students will demonstrate effective communication skills.	Students will progress in writing proficiency through the program	RT 325 research proposal rubric RT 370 midterm or final essay rubric RT 412 capstone paper rubric	A score of 3 or better in paragraph mechanics, organization, transitions, grammar and writing mechanics, and AMA formatting, in text citation and reference page sections of writing rubric.	Terms 1, 2, 5	

		AMA Worksheets in RT 325, RT 411, & RT 412	Score of 85% or better	Terms 1, 4, 5	
		RT 411 Capstone Paper Prep Project- Parts 1, 3, 5	Score of 80% or better on all components	Term 4	
	Students will improve in oral presentation and patient communication skills through the program.	RT 310 Cancer Presentation	Students average a score of 8/10 or better in all sections of program oral presentation rubric. (fill out one for each student)	Terms 1, 2	
		RT 350 Sterilization and Diversity			
		RT 437 QA Presentation	Students average a score of 10/10 or better in all sections of program oral presentation rubric. (fill out one for each student)	Term 4	
		RT 412 presentation on motion management procedures			
		Linac and simulation affective evaluation forms- communication section	Students will show progression through program and end with all mets on item 1 of communication section of linac and simulation affective evaluations. Will be met at least 75-100% in RT 472, 85-100% of time in RT 473 and	Terms 4-6	

			94-100% of time in RT 474.		
The program will successfully meet the needs of its students and communities of interest.	Students who enroll in the program will complete the program.	Program retention	Retention rate will be at least 95%	Annually in August after graduation	PD
	Graduates will pass the national certification exam.	ARRT pass rate	100% pass rate on first attempt	Annually in November	PD
	Graduates seeking employment as a therapist will find job placement.	Job placement statistics Graduate surveys	95% or more of graduates will be placed in jobs by 6 months post-graduation.	Annually in Oct. Annually in Feb with post grad surveys	PD
	Graduates will exhibit a high degree of satisfaction with educational experience at the university and clinical internship site.	Graduate surveys; university and internship sections	Graduate satisfaction will average 4 of 5.	Annually in March	PD
	Employers will report a high degree of satisfaction with graduates' performance	Employer surveys	Employers will rate their overall satisfaction with their employee an average of 4 of 5 or better	Annually in March	PD