

# Texas State Radiation Therapy Program Program Effectiveness Measures 2016 - 2017

One-Year Retention Rates of NEW Students Admitted to Professional Program.																		
Majors retained from ↓	To Fall 2000	To Fall 2001	To Fall 2002	To Fall 2003	To Fall 2004	To Fall 2005	To Fall 2006	To Fall 2007	To Fall 2008	To Fall 2009	To Fall 2010	To Fall 2011	To Fall 2012	To Fall 2013	To Fall 2014	To Fall 2015	To Fall 2016	To Fall 2017
Fall 1999	9/9(100%)																	
Fall 2000		16/16(100%)																
Fall 2001			15/16(97%)															
Fall 2002				11/11(100%)														
Fall 2003					12/13(92%)													
Fall 2004						16/18 (89%)												
Fall 2005							15/15(100%)											
Fall 2006								15/15(100%)										
Fall 2007									15/15(100%)									
Fall 2008										14/16 (88%)								
Fall 2009											12/13 (92%)							
Fall 2010												16/16(100%)						
Fall 2011													10/11(91%)					
Fall 2012														16/16(100%)				
Fall 2013															12/14(86%)			
Fall 2014																13/14(93%)		
Fall 2015																	16/16(100%)	
Fall 2016																		16/16(100%)

Number and Percent of Program Graduates Passing National Exams (1st Attempt): Fall 2000 - Fall 2017 (COHORT CLASS GROUPS)																		
GRADUATING CLASS →	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Accepted	11	9	16	16	11	13	18	15	15	15	16	13	16	11	16	14	14	16
BSRTT GRADUATES	10	9	13	15	10	12	16	14	15	15	14	11	16	10	16	12	11	16+1
PERCENT GRADUATION	10/11 = 91%	9/9 = 100%	13/16 = 81%	15/16 = 94%	10/11 = 91%	12/13 = 92%	16/18 = 89%	14/15 = 93%	15/15=100%	15/15=100%	14/16 = 88%	11/13 = 85%	16/16=100%	10/11 = 91%	16/16 = 100%	12/14 = 86%	11/14 = 79%	15/15=100%
Number of Examinees	10	9	13	15	16	15	16	14	16	15	14	12	16	10	16	12	11	17
Number Passing 1st Att.	10	9	12	15	15	15	16	14	16	15	13	12	15	10	16	12	10	16
Graduate % Passing	100%	100%	92%	100%	95%	100	100	100	100	100	93%	100%	94%	100%	100%	100%	91%	94%
National Pass Rate	85%	85%	86%	82%	82.60%	85.50%	88.80%	85.40%	88%	87.60%	85.20%	90.30%	84.80%	91.00%	90.60%	86.90%	88.40%	Pending

**Radiation Therapy Program Outcomes Assessment Report**

**STUDENT LEARNING OUTCOMES**

**Goal** 6: THE PROGRAM WILL MAINTAIN ACCEPTABLE STUDENT ENROLLMENT AND GRADUATES.

**Expected Outcome** 6.3 Have a graduate job placement, or graduate school matriculation rate of not less than 75% within 6 months of graduation (previously Goal 2.0, Objective 2.2, Academic Years 1999 - 2004)

**Evaluation Method** Job Placement / Grad. School Matriculation Rate (75% w/in 6 mths) Note: JRC criteria is 12 months\*\*

Job placement rate is defined as the number of graduates employed in the radiologic sciences compared to the number of graduates actively seeking employment in the radiologic sciences (JRCERT).

**Benchmark** 75% PER CLASS / FIVE YEAR AVERAGE OF 75%

Admission Year / Graduation Year	No. Graduates: Graduated / Accepted	Grads Actively Sought Employment w/in 6 months	Grads That Found Employment w/in 6 months	Job Placement Measures	Required Action	Action Taken
				PERCENTAGE		
2003 / 2005	12/13			100	Benchmark criteria met. Continue to monitor.	Continue as planned.
2004/2006	16/18			100	Benchmark criteria met. Continue to monitor.	Continue as planned.
2005 / 2007	14/15			100		Continue as planned.
2006 / 2008	15/15			94	Benchmark criteria met. Continue to monitor.	Continue as planned.
2007 / 2009	15/15			100	Benchmark criteria met. Continue to monitor.	Continue as planned.
5 Year Average Job Placement Rate				99		
2008 / 2010	14/16			86	Benchmark criteria met. Continue to monitor.	Continue as planned.
5 Year Average Job Placement Rate				96		
2009 / 2011	11/13			82	Benchmark criteria met. Continue to monitor.	Continue as planned.
5 Year Average Job Placement Rate				92		
2010 / 2012	16/16			94	1 out of 16 is not employed. Benchmark criteria met	Continue as planned.
5 Year Average Job Placement Rate				91		
2011 / 2013	10/11			89	1 out of 9 actively seeking grads is not employed. 1 in graduate school (8/9 = 88.8). Benchmark criteria met	Continue as planned.
5 Year Average Job Placement Rate				90		
2012 / 2014	16/16	16	16	100	16 out of 16 graduates were employed within 6 months post graduation.	Continue as planned.
5 Year Average Job Placement Rate				90		
2013 / 2015	12/14	12	12	100	12 out of 12 graduates actively seeking employment were employed within 6 months post graduation.	Continue as planned.
5 Year Average Job Placement Rate				93		
2014 / 2016	11/14	11	11	100	11 out of 11 graduates actively seeking employment were employed within 6 months post graduation.	Continue as planned.
5 Year Average Job Placement Rate				97		
2015 / 2017	17/16	17	14	82	14 out of 17 graduates actively seeking employment were employed within 6 months post graduation. 16 + 1 from previous cohort.	Continue as planned.
5 Year Average Job Placement Rate				94		

**Radiation Therapy Program Outcomes Assessment Report**

**STUDENT LEARNING OUTCOMES**

**Goal**

1: THE PROGRAM WILL PRODUCE STUDENTS WITH A STRONG CRITICAL THINKING ABILITY, KNOWLEDGE BASE, AND EFFECTIVE COMMUNICATION SKILLS.

**Expected Outcome**

1.4 Successfully complete the national registry examination at 1st attempt.

**Evaluation Method**

Pass Rate @ **1st Attempt**

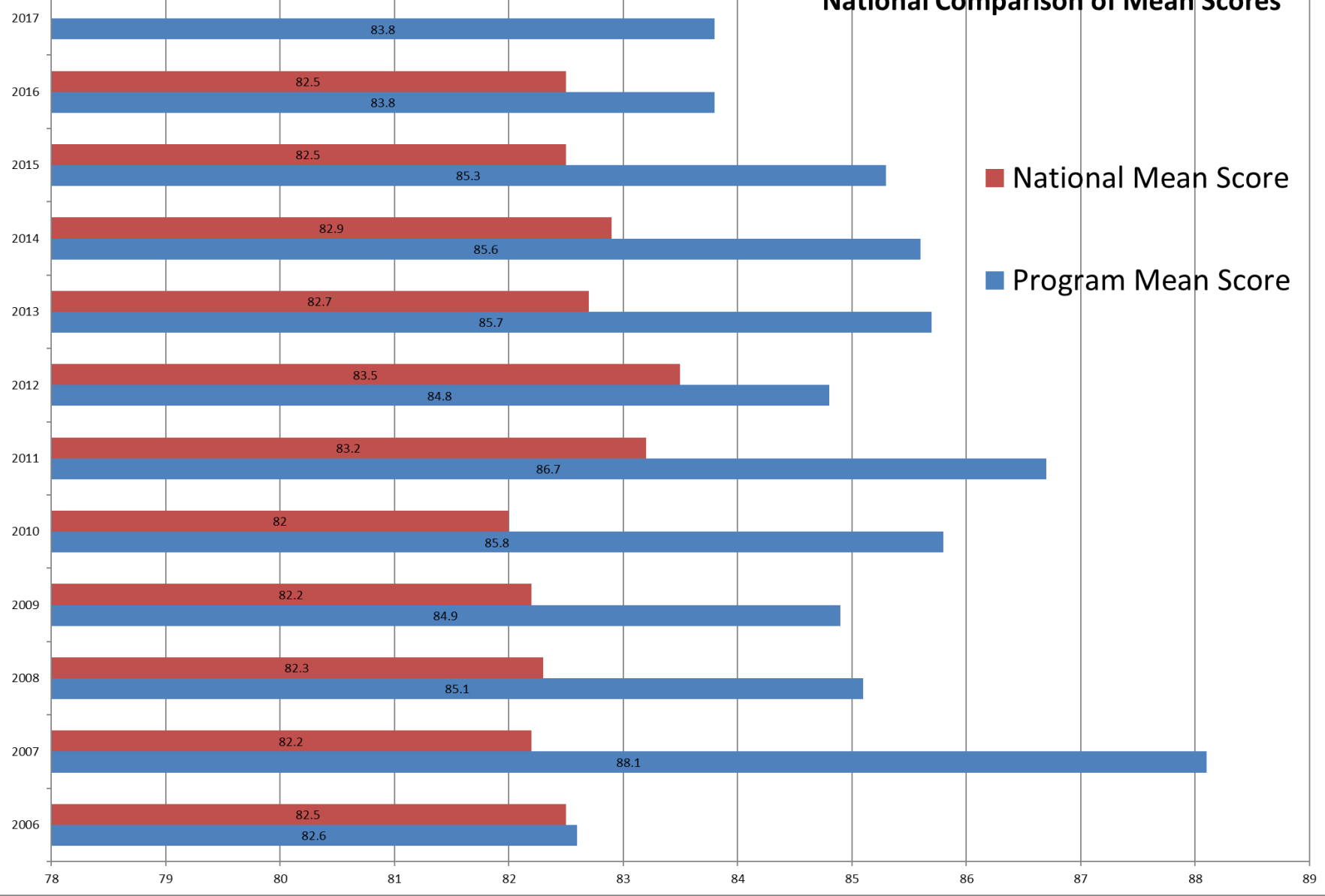
Credentiaing examination pass rate is defined as the number of graduates who pass, on first attempt, the American Registry of Radiologic Technologists certification examination or an unrestricted state licensing examination compared with the number of graduates who take the examination.

**Benchmark**

Pass Rate of 80% or better

Admission Year / Graduation Year	Number Accepted	Number Graduated	Number ARRT Examinees From This Class	Number Passing ARRT Exam From This Class @ 1st Attempt	Measures		Required Action	Action Taken
					Grad. Rate	Pass Rate		
			<b>A</b>	<b>B</b>				
2003 / 2005	13	12	10	10	92%	100%	No action required	None
2004/2006	18	16	18	17	89%	94%	No action required	None
2005 / 2007	15	14	15	15	93%	100%	No action required	None
2006 / 2008	15	15	16	16	100%	100%	No action required	None
2007 / 2009	15	15	15	15	100%	100%	No action required	None
5 Year Average Pass Rate			74	73		99%	5 Year Average Pass Rate Computation: (B) Number Passing ARRT Exam / (A) Number ARRT Candidates	
2008 / 2010	16	13	13	12	81%	92.30%	No action required	None
5 Year Average Pass Rate			77	75		97%	5 Year Average Pass Rate Computation: (B) Number Passing ARRT Exam / (A) Number ARRT Candidates	
2009 / 2011	13	11	11	11	87%	100%	No action required	None
5 Year Average Pass Rate			70	69		99%	5 Year Average Pass Rate Computation: (B) Number Passing ARRT Exam / (A) Number ARRT Candidates	
2010 / 2012	16	16	17	16	100%	94%	No action required	None
5 Year Average Pass Rate			72	70		97%	5 Year Average Pass Rate Computation: (B) Number Passing ARRT Exam / (A) Number ARRT Candidates	
2011 / 2013	11	10	10	10	91%	100%	No action required	None
5 Year Average Pass Rate			66	64		97%	5 Year Average Pass Rate Computation: (B) Number Passing ARRT Exam / (A) Number ARRT Candidates	
2012 / 2014	16	16	16	16	100%	100%	No action required	None
5 Year Average Pass Rate			67	65		97%	5 Year Average Pass Rate Computation: (B) Number Passing ARRT Exam / (A) Number ARRT Candidates	
2013 / 2015	14	12	12	12	86%	100%	No action required	None
5 Year Average Pass Rate			66	65		98%	5 Year Average Pass Rate Computation: (B) Number Passing ARRT Exam / (A) Number ARRT Candidates	
2014 / 2016	14	11	11	10	79%	91%	No action required	None
5 Year Average Pass Rate			66	64		97%	5 Year Average Pass Rate Computation: (B) Number Passing ARRT Exam / (A) Number ARRT Examinees	
2015 / 2017	16	17	17	16	100%	94%	No action required [16 + 1 from previous cohort]	None
5 Year Average Pass Rate			66	64		97%	5 Year Average Pass Rate Computation: (B) Number Passing ARRT Exam / (A) Number ARRT Examinees	

### National Comparison of Mean Scores



## Annual Program Summary Report

SCHOOL OF RADIATION THERAPY  
 TEXAS STATE UNIVERSITY  
 REYNALDO G LOZANO  
 601 UNIVERSITY DR  
 SAN MARCOS, TX 78666-4684

School ID: 9195  
 Date Generated: 10/4/2016

### Summary Report for 2016

#### Radiation Therapy

Section	Section Content	Number Of Questions	Mean Section Scaled Score
A	Radiation Protection & Quality Assurance	35	8.2
B	Clinical Concepts in Radiation Oncology	55	8.4
C	Treatment Planning	55	8.6
D	Treatment Delivery	25	8.7
E	Patient Care and Education	30	8.1

**MEAN SCALED SCORE FOR TOTAL TEST:** 83.8

**PERCENT OF EXAMINEES PASSING:** 91

**NUMBER OF EXAMINEES:** 11

## Annual Program Summary Report

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 TEXAS STATE UNIVERSITY  
 REYNALDO G LOZANO  
 601 UNIVERSITY DR  
 SAN MARCOS, TX 78666-4684

School ID: 9195  
 Date Generated: 1/4/2018

### Summary Report for 2017

#### Radiation Therapy

Section Content	Number Of Questions	Mean Section Scaled Score
<b>Patient Care</b>		
Patient Interactions	25	8.4
Patient and Medical Record Management	22	8.5
<b>Safety</b>		
Radiation Physics, Equipment, and Quality Assurance	20	7.7
Radiation Protection	29	8.9
<b>Procedures</b>		
Treatment Sites and Tumors	26	8.4
Treatment Volume Localization	18	8.0
Prescription and Dose Calculation	24	8.2
Treatments	36	8.5

**MEAN SCALED SCORE FOR TOTAL TEST:** 83.8

**PERCENT OF EXAMINEES PASSING:** 94

**NUMBER OF EXAMINEES:** 17

# National Comparison Report

SCHOOL OF RADIATION THERAPY

School ID: 9195

TEXAS STATE UNIVERSITY

Date Generated: 5/1/2017

REYNALDO G LOZANO

601 UNIVERSITY DR

SAN MARCOS, TX 78666-4684

## Report based on dates from 01/2006 through 12/2016

Radiation Therapy										
Calendar Year	Group	Number Candidates	Section Means					Total Mean	Percentile	
			A	B	C	D	E		Rank	% Pass
2006	ALL	1084	8.0	8.2	8.1	8.7	8.6	82.5	-	88.8
2006	Program	18	7.7	8.2	8.3	8.9	8.5	82.6	62	94.4
2007	ALL	1027	8.0	8.2	8.1	8.6	8.5	82.2	-	85.4
2007	Program	15	8.4	8.8	8.9	9.0	9.1	88.1	89	100.0
2008	ALL	1008	7.9	8.2	8.1	8.6	8.6	82.3	-	88.0
2008	Program	16	8.1	8.6	8.6	8.7	8.6	85.1	75	100.0
2009	ALL	1003	8.0	8.2	8.2	8.4	8.4	82.2	-	87.6
2009	Program	15	7.9	8.6	8.6	8.6	8.8	84.9	75	100.0
2010	ALL	1021	7.9	8.1	8.2	8.6	8.4	82.0	-	85.2
2010	Program	13	8.0	8.6	8.8	8.8	8.7	85.8	79	92.3
2011	ALL	929	7.9	8.3	8.3	8.6	8.4	83.2	-	90.3
2011	Program	11	8.3	8.7	8.7	9.1	8.7	86.7	83	100.0
2012	ALL	895	8.3	8.3	8.2	8.4	8.7	83.5	-	91.4
2012	Program	17	8.3	8.6	8.5	8.5	8.4	84.8	75	94.1
2013	ALL	927	8.1	8.2	8.2	8.5	8.5	82.7	-	90.2
2013	Program	10	8.3	8.7	8.6	8.5	8.5	85.7	79	100.0
2014	ALL	883	8.1	8.4	8.2	8.5	8.4	82.9	-	90.6
2014	Program	16	8.3	8.7	8.4	8.7	8.7	85.6	79	100.0
2015	ALL	878	8.2	8.2	8.1	8.6	8.4	82.5	-	86.9
2015	Program	12	8.6	8.6	8.6	8.6	8.2	85.3	75	100.0
2016	ALL	828	8.1	8.1	8.4	8.5	8.2	82.5	-	88.4
2016	Program	11	8.2	8.4	8.6	8.7	8.1	83.8	68	90.9

Calendar Year	Group	Number Candidates	Section Means					Total Mean	Percentile Rank	% Pass
			A	B	C	D	E			

Program vs Total Pass Percentage



**Radiation Therapy Program Outcomes Assessment Report**

**STUDENT LEARNING OUTCOMES**

**Goal** 2: GRADUATES WILL BE COMPETENT IN CLINICAL ASPECTS OF RADIATION THERAPY.

**Expected Outcome** 2.4 Express satisfaction with degree of preparation as entry-level practitioner.

**Evaluation Method** 1-year Post-Graduate Survey: Section 1: PROGRAM AND FACULTY, Question #5 -  
*The courses prepared me with the knowledge and skills to better support staff radiation therapists, radiation oncologists, and administrators in my department.*

**Benchmark** 80% of respondents = Agree (2) or better (1)

Class of:	No. Graduates / No. Accepted	Measure	Required Action	Action Taken
		1		
2005-2007	14/15	100% = 2 rating or better	n=9, 88.8% = Strongly Agree, 11.1% = Agree	no action required,continue as planned
2006-2008	15/15	100% = 2 rating or better	n = 4 with 100% (4) = Strongly Agree	no action required,continue as planned
2007-2009	15/15	100% = 2 rating or better	n = 13 with 69.2%(9) = Strongly Agree , 30.8%(4) = Agree	no action required,continue as planned
2008-2010	13/16	100% = 2 rating or better	Sent 13, n=6 strongly agree = 100%; agree = 0%	no action required,continue as planned
2009-2011	11/13	92% = 2 rating or better	Sent 12, n=12 strongly agree = 75% (9); agree = 16.7% (2) ; disagree= 8.3%(1)	Examine specific details and factors leading to the lower ratings. Compare next ratings with this.
2010-2012	16/16	100% = 2 rating or better	Sent 16, respondents = 9, n=9. strongly agree = 33.3% (3); agree = 66.7% (6)	Examine specific details and factors leading to the lower ratings. Compare next ratings with this.
2011-2013	10/11	100% = 2 rating or better	Sent 10, respondents = 5, n=5. strongly agree = 40% (2); agree = 60% (3)	Examine specific details and factors leading to the lower ratings. Compare next ratings with this.
2012-2014	16/16	100% = 2 rating or better	Sent 15, respondents = 7, n=7. strongly agree = 85.7% (6); agree = 14.3% (1)	Examine specific details and factors leading to the lower ratings. Compare next ratings with this.
2013-2015	12/14	100% = 2 rating or better	Sent 12, respondents = 5, n=5. strongly agree = 100% (5)	Examine specific details and factors leading to the lower ratings. Compare next ratings with this.
2014-2016	11/14	100% = 2 rating or better	Sent 11, respondents = 5, n=5. strongly agree = 100% (5)	Sent a second request for respondents in December to increase response rate.
2015-2017	17/16	100% = 2 rating or better	[16 + 1 from previous cohort] Due Summer of 2018	



Q3

Export ▼

## What are the three greatest strengths of the program?

Answered: 5 Skipped: 0

RESPONSES (5)

TEXT ANALYSIS

MY CATEGORIES (0)



Categorize as... ▼

Filter by Category ▼

Search responses



Showing 5 responses



1. We are taught both conventional and CT simulation 2. We are taught the depth of why we do things the way we do as therapists 3. We have hands on learning with instructors who have practiced RT and have opportunity for clinical application

11/12/2017 11:50 PM

[View respondent's answers](#)

[Categorize as... ▼](#)



The student and professor interaction.

9/20/2017 9:54 PM

[View respondent's answers](#)

[Categorize as... ▼](#)



The faculty's compassion for their students. The perfect amount of time to be in the clinic setting. The program focus on understanding the clinical set-ups/ relying on what you know not what the machine tells you.

9/14/2017 1:37 PM

[View respondent's answers](#)

[Categorize as... ▼](#)



Instructors Brandi and Dora's ability to teach

9/11/2017 6:41 PM

[View respondent's answers](#)

[Categorize as... ▼](#)



1. Emphasis on learning and understanding material for the benefit of future patients and people. 2. The practical application of knowledge gained in lab/clinic/case study scenarios. 3. Great support and availability of all faculty to the students.

9/11/2017 5:50 PM

[View respondent's answers](#)

[Categorize as... ▼](#)

Q5

Export ▼

## Other comments?

Answered: 4 Skipped: 1

RESPONSES (4)

TEXT ANALYSIS

MY CATEGORIES (0)



Categorize as... ▼

Filter by Category ▼

Search responses



Showing 4 responses



You guys are the best. I am so proud to be a Texas State Rad. Therapy Grad.

11/12/2017 11:50 PM

[View respondent's answers](#)

[Categorize as... ▼](#)



Felt very prepared for the workforce!

9/20/2017 9:54 PM

[View respondent's answers](#)

[Categorize as... ▼](#)



At UT Southwestern's program, the students are each paired with a mentor therapist in the clinic that stays with them and follows their progress over the two years. And I have seen a huge difference in the student's attitudes and willingness to learn after they start working more with their mentor. Maybe at Texas State we could consider pairing the seniors each with a junior student and encourage them to meet up a couple times during the semester to help each other and to further bring the RTT family closer together.

9/14/2017 1:37 PM

[View respondent's answers](#)

[Categorize as... ▼](#)



Not only was I given the practical knowledge necessary for being a radiation therapist, but each lesson was instilled with the responsibility to the person being treated. I could not imagine getting such a well-rounded education from a more caring and passionate team than those caring for our future care-givers in Texas State's Radiation Therapy Program.

9/11/2017 5:52 PM

[View respondent's answers](#)

[Categorize as... ▼](#)

## What are the three greatest strengths of the program?

Answered: 7 Skipped: 0

● Responses (7)

☁ Text Analysis

📁 My Categories

Showing 7 responses

Teachers, clinical variety, community involvement

6/19/2015 2:35 PM [View respondent's answers](#)

The professors Clinicals Commitment to learning

5/20/2015 8:20 AM [View respondent's answers](#)

Diverse clinical rotations Knowledgeable professors Small class size

5/19/2015 3:36 PM [View respondent's answers](#)

Teacher to student ratio Rotating through different clinics Lab days with Dora Being involved in community projects

5/10/2015 11:36 AM [View respondent's answers](#)

Clinical rotations, hands on experience, small class for personal growth

5/8/2015 9:50 AM [View respondent's answers](#)

All of the clinical rotations very much prepared me for what to expect, I didn't need much training at all. I believe that all the faculty was dedicated to helping me understand and pass my classes. I felt prepared for our board exam, although I was nervous I was confident I was going to pass.

5/7/2015 5:35 PM [View respondent's answers](#)

## What are the three greatest strengths of the program?

Answered: 4 Skipped: 1

● Responses (4)

☁ Text Analysis

📁 My Categories

Showing 4 responses

1. That we go to multiple centers and get to experience working with different personalities in different settings. 2. Great professors who truly get to know their students and help them succeed. 3. Involvement in other outside programs that help raise cancer awareness.

5/5/2016 9:52 PM [View respondent's answers](#)

The instructors were the greatest strength of the program. They truly cared about our success and it also helped that they were radiation therapists as well. The knowledge they shared was very helpful.

5/5/2016 4:45 PM [View respondent's answers](#)

Great and knowledgeable professors. Rotations of clinics in different areas. Constant construction criticism.

5/5/2016 3:47 PM [View respondent's answers](#)

1. Lots of clinical time 2. Instructors always available 3. Willingness of instructors to take extra time with students who are struggling

5/5/2016 2:41 PM [View respondent's answers](#)

## Other comments?

Answered: 5 Skipped: 2

● Responses (5)

☁ Text Analysis

📁 My Categories

Showing 5 responses

Great teachers and a great program I was glad to be a part of.

6/19/2015 2:35 PM [View respondent's answers](#)

Excellent program that challenges students to strive for success and see all aspects of radiation therapy

5/19/2015 3:36 PM [View respondent's answers](#)

Jobs are hard to come by and there are a lot of graduates

5/10/2015 11:36 AM [View respondent's answers](#)

I loved all my professors & mentors throughout my experience at Tx State

5/8/2015 9:50 AM [View respondent's answers](#)

Everything has been awesome since graduation. I got a job I really wanted in a place I really wanted. I feel blessed to be where I am. THANK YOU!!!

5/7/2015 5:35 PM [View respondent's answers](#)

## Other comments?

Answered: 1 Skipped: 4

● Responses (1)

☁ Text Analysis

📁 My Categories

Showing 1 response

I will be forever proud that I graduated from this program and am so thankful for the education I received!

5/5/2016 9:52 PM [View respondent's answers](#)