

Advisory Committee Minutes

PROGRAM COMMITTEE NAME:		Radiography				
CHAIRPERSON:		Steve Hamilton				
MEETING DATE:		4/4/23	MEETING TIME:	7:00 AM	MEETING PLACE:	AC West Campus, Allied Health Room 110
RECORDER:		Janet Barton – Executive Secretary – Health Sciences		PREVIOUS MEETING:		
MEMBERS PRESENT						
List all members of the committee, then place an X in the box left of name if present						
	NAME	TITLE	EMPLOYER INFO	PHONE	EMAIL	
x	Steven Hamilton	R.T.(R)	BSA	212-2065	stephen.hamilton@bsahs.org	
x	Ashley Conger	R.T.(R)	VA	355-9703	ashley.conger@va.gov	
x	Dana Hockaday	R.T.(R)	ABJC	341-6674	dhockaday@abjc.net	
x	Anita Steinmaier	R.T.(R)	NWTH	351-5717	asteinmaier@gmail.com	
	Zane Pratt	R.T.(R)	Moore County Hospital	935-7171	zpratt@mchd.net	
x	Mary Booth	R.T.(R)	Pampa Regional Hospital	663-5770	mbooth@primehealthcare.com	
x	Steven Hamilton	R.T.(R)	BSA	212-2065	stephen.hamilton@bsahs.org	
	Michelle Ahlden	R.T.(R)	Golden Plains Community	467-5700	michelle.ahlden@goldenplains.org	
x	Lynda Williams	R.T.(R)	ADC	358-0200	lynda.williams@bsahs.org	
	Karen Chavez	R.T.(R)	BSA Urgent Care	212-4835	Karen.chavez@bsahs.org	
x	Amanda Rodriguez	R.T(R)	Hereford Regional Medical	364-2141	amanda.rodriguez@dschd.org	
	Alex Ocampo	R.T.(R)	Open Air MRI	353-8333	bigalouno1@yahoo.com	
x	Lori Lockridge	R.T.(R)	Advanced Imaging	351-8480	lolock85@gmail.com	
x	Leeann Taylor	RPA	NWTH Physicans Group	806-681-2264	leeann.taylor@yahoo.com	
	Dr. Charles Brooks	M.D.	HPRA	316-2078	cdbrooks78@gmail.com	
	BSA Imaging Management Representative	Mgmt.	BSA	212-2062	kristy.reynosa@bsahs.org	
x	NWTH Imaging Management - Representative Jason Madrid	Mgmt.	NWTH	351-5715	shelly.price@nwths.com	
x	Ashley Hanks		Open Air MRI	353-8333	Ashley.hanks@bsahs.org	
x	Debi Schmidt	Community Rep.		236-3872	d.schmidt@thewellhealthcenter.org	
x	Tony Tackitt	Higher Ed. Rep.	Amarillo College	354-6063	tony.takitt@actx.edu	

Call to Order		ACTION DISCUSSION INFORMATION			RESPONSIBILITY
Approval of Minutes		Steve asked for approval of previous minutes			Ashley Conger 1 st , Ashley Hanks 2 nd all approved.
Health Science Advisor Report		Jessica Sanchez –Jessica stated they are busy registering high school students. Also helping with students who are interested in the health sciences programs. Amanda stated she hopes to be in her office on west campus next week.			
Students		<p>Berkleigh Bye – No complaints. Berkleigh stated NWTH CT should have their own Clinical instructor. She also mentioned if students have a doctor’s appointment, they shouldn’t have to make up their time. She mentioned three active CIs is enough. Jamie Smith responded about the Dr. Appointments. She stated students know what days they are in clinicals so Dr. appointments should not be scheduled on those days. Also if the clinical instructor wants to stay late to help the student out that would be fine.</p> <p>Austin Harper – Freshman – Austin stated they need more practice on the C-Arm. He feels they need longer lunch possibly an hour. Also need breaks. Austin was told that their lunches and breaks at the clinical sites depend on how many cases they have. Austin stated he had an issue with a tech, felt he took over. Alex (open air MRI) mentioned if they have a lot of exams, techs may have to step in and help. Pre-Comp is generally tech assisted.</p>			
Instructor		<p>Jamie Smith – Jamie stated that they are using Typhon more for competencies and tracking. There were 822 attempts, 33 failed attempts. Four students have completed remediation. Some CIs don’t have time to enter information. Jamie stated she will help them enter. Clinical hour’s next co-hort will have changes. Fall of 2023 We will have to cut some things. Chest X-rays – students will not have shot any x-rays. We are looking at ways to fix this. Jim will be coming in to work with students, getting routines down and hopefully do an x-ray before clinicals.</p> <p>Ashley Conger asked some questions about clinicals. Amanda stated they should be ok with the changes. One person commented that they might have to add a second rotation...freshman summer 3 days Next 2 days. Jamie shared the Clinical Hours slide.</p>			
Director’s Report		<p>Michael Hart – Michael reviewed the Radiography mission statement (PPT) Current Students (PPT) Cap: 52 per JCERT, FA 2020: 1 in program, FA 2021: 20 in Program, FA 2022: 25 in program. Spring 2023 have 19 set to complete. Michael reviewed the program effectiveness data. Five year average 87 of 106; 82.1%. Program Effectiveness Data (to be reported FA 2023 in Annual Report 2018-2022)</p>			

	<p>Program 5 year average Credentialing Exam rate; 98 of 111; 83.3%</p> <p>Job Placement – 5 year average Job Placement Rate– 2016-2020, 107 of 111; 96.4%</p> <p>Job Placement – 5 year average Job Placement Rate – 2017-2021, 104 of 110, 94.5%</p> <p>Program Completion Rate – 2021 20 of 23; 87%</p> <p>Five year average for Program Effectiveness – 2017-2021; Grad rate 110 of 126</p> <p>87.3%, ARRT 1st Time Pass Rate 87 of 106; 82.1%, Employment 104 of 110; 94.5%</p> <p>Radiography Outcomes Assessment Committee – Most recent meeting11/8/2022</p> <ul style="list-style-type: none">■ Outcomes Assessment Plan 2022 is posted on the AC Radiography web site■ This data was originally sent out via email to the BLC (Advisory Board) members on 11/21/2022.■ Action items<ul style="list-style-type: none">-To Help Increase Assessment and Student Learning:-AC Allied Health received and Anatomage Table, J. Smith has been utilizing in RADR 1411 during labs-J. Smith added non-graded activity to the first five weeks of practicum I to help students with communication and professionalism-Beginning FA 2022: RADR 2309 modality paper and the RADR 2305 Case Study paper assessments were changed, will gather data and analyze one both assignments are completed-Clarified some of the benchmark wording, for instance on several SLO benchmarks now say 95% of students will score ≥ 4.0 (5.0 Likert), clarification allows for a more specific benchmark measurement <p>Michael reviewed and analyzed program effectiveness and outcomes. (See PPT)</p> <p>Goal 1 – August 2020 – 2021 Monitor Program Effectiveness Should have 4.0, average of 3.7. Employer surveys going out soon.</p> <p>Goal 2- August 2020-August 2021 – Graduate will be clinically competent. 2021 only 40% scored ≥ 80; N=27; Avg. score=76.90. Michael feels new assignment is beneficial.</p> <ul style="list-style-type: none">■ SLO 2 In both FA 2021 and FA 2022, the instructor added non-graded activities to help the student better prepare for the assignment. Instructor	
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	<p>will continue to implement learning activities to improve scores.</p> <p>Goal 3- Graduate will display communication skills.</p> <p>SLO 1 Tool 1. Benchmark was surpassed. SLO 1 Tool 2 - Benchmark Surpassed. Pleased with outcomes.</p> <p>SLO 2 Tool 1 – Benchmark Surpassed. SLO 2 Tool #2 Assignment is new. Pleased with the 100% success in 2020 and 2021.</p> <p>Goal 4 – (August 2020-August 2021) Graduate will display critical thinking/problem solving skills Discussion.</p> <p>SLO 1, Tool 1 The measurement tools in RADR 1202 & 1250 benchmark was not met in 2021. For improvement, instructor will increase pre-evaluation activities. SLO1, Tool 2 – the department is pleased with results. <u>Five-year comparison</u>: SP 2017: 100%; 2018: 100%; SP 2019: 98.4%; SP 2020: 100%; SP 2021 scored no less than 4 (5.0 Likert)</p> <p>SLO 2, Tool 1 – Pleased with the result of 100% > 4 and the three-year comparison, SP 2019: 100%, SP 2020: 100%, SP 2021 100% scored ≥ 4.</p> <p>SLO 2, Tool 2 – Pleased with the results. To better measure the SLO, instructor will consider modifying the oral portion of the assignment in fall 2023. Three year comparison FA 2018: 95%, FA 2019: 95%, FA 2020 90.9% scored $\geq 85\%$</p> <p>Goal 5 – (August 2020 to August 2021) Graduate will exhibit professional development. SLO 1, Tool 1 – Still pleased with results. <u>Three-year comparison</u>: SP 2019: 100%; SP 2020, SP 2021 100%: 100% scored ≥ 4.0. SLO 1, Tool #2. Pleased with the new measurement tool that started in Fall 2019. Comparison data: 2019: 90.9%, 2020: 94.6% answer correctly</p> <p>SLO 2, Tool 1 – Pleased with the result. Increase from Fall 2019 74% questions answered correctly to Fall 2020 87.6% questions answered correctly.</p> <p>SLO 2, Tool 2 – Small dip in overall % in FA 2020, benchmark was still surpassed. To better assess student learning, in FA 2022 the assignment will be modified and new</p>	
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<p>data collected. Three year comparison: FA 2018: 100%; FA 2019: 96% FA 2020: 90.9% scored \geq 85%</p> <p>Follow-up from JRCERT site visit –</p> <p>Visit- 8-2021, received a letter from JRCERT and we were awarded Accreditation for 5 years. Addressed: Objective 1.1, 3.3, 4.7 (requested by 7-5-2022) and 6.4 (by 12/1/2022). Received a letter on August 25, 2022 requesting information on 4.7 and 6.4 requested by 12-1-2022. February 27, 2023 we received a letter from JCERT, extension from five years to eight years, interim report due 3rd quarter 2025.</p> <p>Tentative site visit scheduled for 3rd QTR of 2029.</p> <p>Michael reviewed the Resources available to our students.</p> <p>Application process open until 5-31-2023. Received 81 applications as of 3-31-23. 18 students attended the informational meetings.</p> <p>ARRT Change in Cut Score beginning 1/1/2023</p> <ul style="list-style-type: none"> ■ Still has 75 threshold to pass, essentially will take approximately 4 more questions to pass ■ To help increase ARRT 1st time pass rate, RADR 2235 SP2023 <ul style="list-style-type: none"> – Patient Care went from 125 To 130 question (125 graded & 5 pilot) – Safety went from 125 To 132 (125 graded & 7 pilot) – Image Production went from 200 to 230 (200 graded & 30 pilot) – Procedures (not yet taken) 150 SP2022, will increase # of questions – Corectec #2 (2/28/2023) 200 from Corectec & 30 in paper/pencil version – Corectec #3 (4/4/2023) 200 from Corectec & 30 in paper/pencil version – Corectec #4 (not yet taken) will follow #2 & #3 numbers <p>Amarillo College Faculty and staff: Clinical Instructor – Jamie Smith, Lab/Clinical Assistant – Jim Huse.</p> <p>Competency -</p> <ul style="list-style-type: none"> • JRCERT requested we more effectively utilize Typhon for competencies • We move the competencies into Typhon

- Since inception of this record keeping:
 - 822 competency attempts
 - 33 failed attempts, with 4 instances of students failing same competency twice
 - 4 students have had remediation

Change in Clinical Hours FA 2019

- RADR 1167 Practicum I, 160 hours
- RADR 1267 Practicum II, 270 hours
- RADR 2260 Clinical III, 189 hours
- RADR 2366 Practicum IV, 350 hours
- RADR 2367 Practicum V, 350 hours

As of FA2023

- RADR 1167 Practicum I, 225 hours
 - Will start Practicum Tuesday of week 4
- RADR 1267 Practicum II, 240 hours
- RADR 2166 Practicum III, 119 hours
 - Will be two day a week instead of 3
- RADR 2366 Practicum IV, 350 hours
- RADR 2367 Practicum V, 350 hours

Clinical Hours (beginning FA 23)

- RADR 1266 Practicum I; 2 days x 8.5 hours actual, scheduled for 9
- RADR 1267 Practicum II; 2 days x 8 hours actual, scheduled for 8.5
- RADR 2166 Practicum III; 2 days x 8.5 hours actual, scheduled for 9
- RADR 2366 Practicum IV; 3 days x 8 hours actual, scheduled for 8.5
- RADR 2367 Practicum V; 3 days x 8 hours actual, scheduled for 8.5

Affiliation Reports	<p>Lori Lockridge – Advanced Imaging -Good</p> <p>Dana Hockaday - Amarillo Bone and Joint – Good</p> <p>Lynda Williams – Amarillo Diagnostic - Good</p> <p>Steve Hamilton – BSA – Steve stated he appreciates everyone for attending. Everything is good in his area.</p> <p>Ashley Hanks – Open Air MRI –Good</p> <p>Shelly – NWTX Hospital – all good, can take four more students</p> <p>Mary Booth – Pampa Regional – Good – Need new graduates full time</p> <p>Amanda Rodriguez – Hereford Regional Hosp. - Students are doing well.</p> <p>Ashley Conger – VA – Un-vaccinated students are allowed. They no longer test each week. VA has a new Cardiac and bone density room. They might have an opening soon. Lunches are typically 30 minutes. Stephen stated we need to remind students to bring a snack or something to eat on the fly.</p> <p>Leeann Taylor – NWTXH Physicians Group – Leeann stated they have a new Radiologist. Everything is good.</p>	
Continuing Healthcare Edu.	<p>Melissa Burns – Melissa mentioned the Radiography Symposium. She stated HPRA is Thinking about having one.</p>	
Dean of Health Professions	<p>Kim Boyd – Kim mentioned there are some different processes this year. We are streamlining the process and will include nursing. Medical terminology for Nursing might be going from 3 hours to 2 hours in the fall.</p>	
Dean of Nursing Report	<p>Kim Crowley mentioned that she is now Dean of Nursing and Kim Boyd is Dean of Health Professions. They will continue to work together. Kim also mentioned Perkins grant. This grant supplies funds to purchase equipment.</p>	
Adjournment		
Date: 4-4-2023	Meeting was adjourned at 8:15	
11/28/2023	<i>Janet Barton</i>	

Amarillo College Radiography Advisory Board Meeting Agenda

Date: 4/4/23 Time: 7:00 am

- I. Call to Order – Chair Person – Steve Hamilton
- II. Approval of Minutes
- III. Affiliation Reports:
 - a. Advanced Imaging
 - b. Amarillo Bone and Joint
 - c. Amarillo Diagnostic
 - d. Baptist St. Anthony's Hospital
 - e. BSA Urgent Care Center
 - f. Golden Plains Hospital
 - g. Hereford Regional Medical Center
 - h. Moore County Hospital
 - i. Northwest Texas Hospital
 - j. Open Air MRI
 - k. Pampa Regional Medical Center
 - l. VA Hospital
 - m. EmCare
 - n. HPRA
- IV. Student Report
 - a. Berkleigh Bye
 - b. Austin Harper
- V. Director Report:
 - a. Mission Statement
 - b. Current Students
 - c. Program Effectiveness
 - d. Radiography Outcomes Assessment Committee/Outcomes Assessment Data
 - e. JRCERT
 - i. Follow up from site visit
 - ii. Annual Report
 - f. Amarillo College Strategic Plan
 - g. Resource availability
 - h. Application Process
 - i. ARRT Cut Score Change
- VI. Amarillo College Faculty, Staff Reports
 - a. Jamie Smith
 - i. Competency process
 - ii. Practicum hours
 - b. Jim Huse
- VII. Health Sciences Advisor Report – Jessica Sanchez
- VIII. VPAA – Becky Burton
- IX. Dean of Health Professions – Kim Boyd
- X. Dean of Nursing – Kim Crowley
- XI. Adjournment

ADVISORY COMMITTEE MEMBERS

Program: Radiography

Year: 2023

Program Director: Michael Hart

Committee
Chair: Steven
Hamilton

Name	Title	Company	Phone	E-Mail
Jamie Smith	C.C	AC		
Jim Huse	Part Time Instructor	Ac		
* Berkleigh Bre	Class representative	AC		
Melissa Burns	Director	AC	354-3650	mdburns@actx.edu
* Austin Harper	CLASS representative	AC		
* Ashley Conger	DRT-Clinical ^{VA} Instructor	Ac	341 9043	ashley.conger@va.gov
* Jessica Sanchez	Academic Advisor	AC		
* Amanda McKee	Academic Adviser	AC		
* Deb Schmidt	Community Member	AC	806 ²³⁶ 3872	darms@btm.com
Ki Byrd	Dean of Health Prof	AC		
* Jason Madria	N.W. Supervisor	NW	231-4663	
* Stephen Hamilton	BSA CI	BSA	212-206T	
* Lori Lockard	AIC	AIC/PSH	351-8480	llockard65@gmail.com
* Ashley Hanks		OPEN air	353-8333	ashley.hanks@bsahs.org
* Mary Booth	Director	PRMC	663-570	mbooth@primehealthcare.com
* Dana Harkaday	CI	ABJC	884-8156	dhackaday@abjc.net
* Amanda Rodriguez	R.T. (A)	Herford Regional	364-2141	
* Lyndal Williams		ADC		
* Shelly - NWTHS				
* Amanda Rodriguez				
* Leeana Taylor				

Radiography Spring 2023 BLC (Advisory Board) Meeting



Welcome

CALL TO ORDER

Chairperson: Steve Hamilton

APPROVAL OF MINUTES

Digital copy emailed out 4/3/2023

AFFILIATION REPORTS



Affiliation Reports

- *Advanced Imaging*
- *Amarillo Bone & Joint Clinic*
- *Amarillo Diagnostic Clinic*
- *Baptist St. Anthony's Hospital*
- *BSA Urgent Care Center*
- *Golden Plains Hospital*
- *Hereford Regional Medical Center*
- *Moore County Hospital*
- *Northwest Texas Hospital*
- *Open Air MRI*
- *Pampa Regional Medical Center*
- *VA Hospital*
- *EmCare*
- *HPRA*

STUDENT REPORTS



Student Reports

- Second year's: Berkleigh Bye
- First years: Austin Harper

DIRECTOR REPORT



Radiography Program Mission Statement

To provide a comprehensive educational environment that will prepare the radiography graduate to effectively engage in the daily challenges and responsibilities required of an competent and professional entry level radiographer

Current Students

- Cap: 52 per JRCERT
- Cohort starting FA 2020: 1 in program
- Cohort starting FA 2021: 20 in program
- Cohort starting FA 2022: 25 in program

- Spring 2023: have 19 set to complete

Program Effectiveness Data (as posted on AC Radiography web page 2017-2021; previous: 2016-2020=81.6%)

Credentialing Examination Rate	Number passed on 1 st attempt divided by number attempted within 6 months of graduation
Year	Results
Year 1- 2017	9 of 18; 50%
Year 2- 2018	18 of 21; 86%
Year 3- 2019	21 of 22; 95%
Year 4- 2020	20 of 24; 83%
Year 5- 2021	19 of 21; 90%
Program 5-Year Average	87 of 106; 82.1%

Program Effectiveness Data (to be reported FA 2023 in Annual Report) (2018-2022)

Credentialing Examination Rate	Number passed on 1 st attempt divided by number attempted within 6 months of graduation
Year	Results
Year 1- 2018	18 of 21; 86%
Year 2- 2019	21 of 22; 95%
Year 3- 2020	20 of 24; 83%
Year 4- 2021	19 of 21; 90 %
Year 5- 2022	20 of 23; 87%
Program 5-Year Average	98 of 111; 88.3%

Program Effectiveness Data (as posted on AC Radiography web page)

Job Placement Rate	Number employed divided by number actively seeking employment within 12 months of graduation
Year	Results
Year 1-2016	22 of 22; 100%
Year 2-2017	20 of 21; 95%
Year 3-2018	20 of 22; 91%
Year 4-2019	21 of 22; 95%
Year 5-2020	24 of 24; 100%
Program 5-Year Average	107 of 111; 96.4%

Program Effectiveness Data

(as posted on AC Radiography web page, 2017-2021; 2016-2020=96.4%)

Job Placement Rate	Number employed divided by number actively seeking employment within 12 months of graduation
Year	Results
Year 1- 2017	20 of 21; 95%
Year 2- 2018	20 of 22; 91%
Year 3- 2019	21 of 22; 95%
Year 4- 2020	24 of 24; 100%
Year 5- 2021	19 of 21; 90%
Program 5-Year Average	104 of 110; 94.5%

Program Effectiveness Data (as posted on AC Radiography web page 2021; previous: 2020 96%)

Program Completion Rate	Number graduated divided by number started the program
Year	Results
Year 1-2021	20 of 23
Annual Completion Rate	87.0%

Five Year Average for Program Effectiveness

Year	Graduation Rate	ARRT 1 st Time Pass Rate	Employment
2017	21 of 26; 81%	9 of 18; 50%	20 of 21; 95%
2018	22 of 26; 85%	18 of 21; 86%	20 of 22; 91%
2019	23 of 26; 88%	21 of 22; 95%	21 of 22; 95%
2020	24 of 25; 96%	20 of 24; 83%	24 of 24; 100%
2021	20 of 23; 87%	19 of 21; 90%	19 of 21; 90%
5 Year Average	110 of 126; 87.3%	87 of 106; 82.1%	104 of 110; 94.5%



RADIOGRAPHY
OUTCOMES
COMMITTEE/OUTCOME
S ASSESSMENT DATA



Radiography Outcomes Assessment Committee

■ Most recent meeting: 11/8/2022

■ Action items

- *To Help Increase Assessment and Student Learning:*
- *AC Allied Health received and Anatomage Table, J. Smith has been utilizing in RADR 1411 during labs*
- *J. Smith added non-graded activity to the first five weeks of practicum I to help students with communication and professionalism*
- *Beginning FA 2022: RADR 2309 modality paper and the RADR 2305 Case Study paper assessments were changed, will gather data and analyze one both assignments are completed*
- *Clarified some of the benchmark wording, for instance on several SLO benchmarks now say 95% of students will score ≥ 4.0 (5.0 Likert), clarification allows for a more specific benchmark measurement*

Outcome Data Analysis

- Outcomes Assessment Plan 2022 is posted on the AC Radiography web site
- This data was originally sent out via email to the BLC (Advisory Board) members on 11/21/2022

Goal 1 (August 2020-August 2021)

Monitor Program Effectiveness

Goal 1: Monitor Program Effectiveness (updated -10/7/2022-mgh)					
Student Learning Outcome (SLO)	Measurement Tool	Benchmark	Timeframes	Group/Person Responsible	Results
1. Students will complete the program and take the ARRT certification exam.	1. Satisfaction of all program requirements.	1. No less than 75% of students will complete the program in all required courses.	1. During the program/ Within 12 months	1. Program Director	1.N=26 started program (3 attrite/non-academic, per 6.1), 20 completed on time, 87% completion rate 2. N=21 tested, 19 passed 1 st attempt, 90.47% 1 st time pass rate
	2. Completion of the ARRT certification exam.	2. No less than 75% of graduates will successfully complete the ARRT exam on first attempt.	2. Within 6 months of graduation	2. Program Director	
2. Program will assess graduate satisfaction.	1. Item #30 from Radiography Graduate Survey.	1. Average of 4.0 (5.0 Likert).	1. Within 12 months of graduation	1. Program Director	1. Avg= 3.7, N=19 returned
3. Program will assess employer satisfaction.	1. Item #21 from Employer Survey.	1. Average of 3.0 (4.0 Likert).	1. Within 12 months of graduation	1. Program Director	1. Avg=3.84, N=13 returned
4. Program will assess employment rate.	1. Radiography Graduate Survey.	1. Within 12 months of graduation, 75% of graduates seeking employment in the field will find employment.	1. Within 12 months of graduation	1. Program Director	1. N=19 employed, 90.4% employment rate

Goal 1 (August 2020-August 2021)

Monitor Program Effectiveness-Discussion

Analysis/Revisions/Recommendations (Goal 1: Monitor Program Effectiveness):

- **SLO 1, Tool #1:** We are pleased with the 87% completion rate in 2021. Five-year comparison: 2017: 81%, 2018: 85%, 2019: 88%, 2020: 96%, 2021: 87% 5-year average: 86.5%; SLO 1, Tool #2: 2021 pass rate 90.47%. Since 2017, we have had no less than 83% pass rate. We continue to utilize Corectec Radiography review during RADR 2235 to help students prepare for the exit exam and the ARRT. Five-year comparison: 2017: 50%, 2018: 86%, 2019: 95%, 2020: 83%, 2021: 90.47%, 5-year average: 82%
- **SLO 2:** Five-year comparison: For 2021, we did not meet the benchmark of 4.0 (5.0 Likert), we had an average of 3.7. Although we would like to see a better response, we continue to strive for program improvement that will meet individual needs of the students, for example we continue to implement more educational activities to help increase active student learning and retention. Critical thinking and communication skills questions were not specifically part of this measurement tool; however, both of those questions had an average response of 4.2 on the Graduate Survey, which are very important skills in the current work environment. We are pleased with the 5-year average of 4.42. 2017: 4.7, 2018: 4.86, 2019: 4.14, 2020: 4.7, 2021: 3.7; 5-year average 4.42 (5.0 Likert)
- **SLO 3:** Employers continue to be pleased with AC graduates work performance, 2021 responses average 3.84 (4.0 Likert). Five-year comparison: 2017: 4.0, 2018: 3.91, 2019: 3.9, 2020: 3.9, 2021: 3.8; 5-year average 3.9 (4.0 Likert)
- **SLO 4:** Five-year comparison: We continue to be pleased with the strong employment rate. 2017: 95%, 2018: 91%, 2019: 93%, 2020: 100%; 2021: 90.4%; 5-year average: 94.5%

Goal 2 (August 2020-August 2021)

Graduate will be clinically competent.

Goal 2: Graduate will be clinically competent.					
Student Learning Outcome (SLO)	Measurement Tool	Benchmark	Timeframes	Group/Person Responsible	Results
1. Student will provide appropriate radiation safety for patients and self.	1. Item 10 from clinical evaluation	1. 95% of students will score ≥ 4.0 (5.0 Likert)	1. 3 rd & 5 th semester	1. Clinical Coordinator	1. 3 rd sem. N=44, 44 scored 5; 5 th sem. N=59, 58 scored 5, 1 scored 4 got, 100% scored ≥ 4
	2. Radiation Safety assignment RADR 2313	2. Average score of $\geq 80\%$	2. 1 st semester (FA 20)	2. Didactic instructor	2. 40% scored ≥ 80 ; N=27; Avg score=76.90
2. Students will recognize appropriate positioning skills and produce diagnostic images.	1. Item #15 from clinical evaluation	1. 95% of students will score ≥ 4.0 (5.0 Likert)	1. 5 th semester (SP 21)	1. Clinical Coordinator	1. N=59, 54 scored 5, 4 scored 4, 1 scored 3, 98.3% scored ≥ 4
	2. RADR 2235, Procedures Exam, questions (#3 (humerus), 11 (abd.), 30 (pelvis), & 35 (calcaneus))	2. $\geq 80\%$ will answer questions correctly	2. 5 th semester (SP 21)	2. Didactic instructor	2. 91.9% of questions answered correctly; N=22 took exam

Goal 2 (August 2020-August 2021)

Graduate will be clinically competent.-

Discussion

Analysis/Revisions/Recommendations (Goal 2: Graduate will be clinically competent):

- **SLO 1, Tool #1:** Benchmark surpassed, pleased with results. **SLO 1, Tool #2:** RADR 2313-Radiation Safety Assignment, FA 2020 was first semester with this new format, although the overall % of students scoring ≥ 80 is disappointing, we will be able to report an increase in class average in FA 2021 & FA 2022. In both FA 2021 and FA 2022, the instructor added non-graded activities to help the student better prepare for the assignment. Instructor will continue to implement learning activities to improve scores.
- **SLO 2, Tool #1:** Benchmark surpassed, we continue to be pleased with results for this tool.; **SLO 2, Tool #2.** RADR 2235 Questions: There was an increase from 2020 to 2021, we are pleased with the increase; Three-year comparison: SP 2019: 88% SP 2020: 83% SP 2021: 91.9%

Goal 3 (August 2020-August 2021)

Graduate will be display communication skills.

Goal 3: Graduate will display communication skills.					
Student Learning Outcome (SLO)	Measurement Tool	Benchmark	Timeframes	Group/Person Responsible	Results
1. Student will demonstrate verbal skills when relating to patients.	1. Item 7 & 16 from Clinical Evaluation.	1. 95% of students will score ≥ 4.0 (5.0 Likert)	1. 1 st , 2 nd , 4 th , 5 th semesters	1. Clinical Coordinator	1. 1 st sem. N=102, 80 scored 5, 22 scored 4, 100% ≥ 4 ; 2 nd sem. N=138, 117 scored 5, 21 scored 4, 100% scored ≥ 4 ; 4 th sem. N=114, 109 scored 5, 3 scored 4, 1 scored 3, 1 scored 1, 97.4% ≥ 4 ; 5 th sem. N=118, 112 scored 5, 6 scored 4, 100% ≥ 4
	2. Successful completion of Oral portion of the Patient Interview/Screening & X-ray Beam Assignment RADR 1313	2. Students will score $\geq 80\%$	2. 2 nd semester (SP 21)	2. Didactic instructor	2. 95.8% of students scored $\geq 80\%$ (n=24)
2. Student will demonstrate written communication skills.	1. Successful completion of Written portion of Case Study RADR 2305	1. Students will score $\geq 85\%$	1. 4 th semester (FA 20)	1. Didactic Instructor	1. 95.4% of students scored $\geq 85\%$ (N=22)
	2. Successful completion written portion of the Patient Interview/Screen & X-ray Beam Assignment RADR 1313	2. Students will score $\geq 80\%$	2. 2 nd semester (SP 21)	2. Didactic Instructor	2. 100% of students scored $\geq 80\%$ (n=24)

Goal 3 (August 2020-August 2021)

Graduate will be display communication skills.-Discussion

Analysis/Revisions/Recommendations (Goal 3: Graduate will display communication skills):

- **SLO 1, Tool #1:** Benchmark was surpassed, in the 4th semester, there was two students who scored <4, J. Smith continues to utilize a role-playing activity during the 1st 5 weeks for RADR 1167 (Practicum I) to help with student communication skills. **SLO 1, Tool #2:** Benchmark surpassed, we continue to be pleased with student outcomes for this tool.
- **SLO 2, Tool #1:** Benchmark surpassed. In fall 2022, to better assess student learning this assignment will be modified. We will track new data beginning 2022; **SLO 2, Tool #2:** The assignment from this tool is still relatively new, however, we are pleased with the 100% success in 2020 and 2021.

Goal 4 (August 2020-August 2021)

Graduate will display critical thinking

Goal 4: Graduate will display critical thinking/problem-solving skills.					
Student Learning Outcome (SLO)	Measurement Tool	Benchmark	Timeframes	Group/Person Responsible	Results
1. Students will be able to evaluate radiographic images for acceptability.	1. Image Acceptability/Critique Assignment RADR 1202 & RADR 1250	1. The students will score an $\geq 85\%$ in 1202 and average score of $\geq 90\%$ in 1250	1. 3 rd semester & 5 th semester (SU 21)	1a. Didactic instructor	1. Results: SP 2021 (5 th semester) RADR 1250 Overall average: 82.4 (N=23). #1: 2 scored $\geq 90\%$; #2: 8 scored $\geq 90\%$; #3: 9 scored $\geq 90\%$; #4: 5 scored $\geq 90\%$ Results SU 2021 (3 rd semester) RADR 1202 Overall average: 83.21% (N=24) #1: 21 scored less than 85%; #2: 3 scored less than 85%; #3: 11 scored less than 85%; #4: 8 scored less than 85%
	2. Item #9 on Clinical Evaluation in Practicum V	2. 95% of students will score ≥ 4.0 (5.0 Likert)	2. 5 th semester	2. Clinical Coordinator	2. N=59, 48 scored 5, 11 scored 4, 100% ≥ 4
2. Students will demonstrate adaptive behavior for critical or stressful scenarios.	1. Item 11 on Clinical Evaluation in Practicum V	1. 95% of students will score ≥ 4.0 (5.0 Likert)	1. 5 th semester	1. Clinical Coordinator	1. N=59, 54 scored 5, 5 scored 4; 100% scored ≥ 4
	2. Successful completion of Oral portion of Case Study RADR 2305	2. The student will score $\geq 85\%$	2. 4 th semester (FA 20)	2. Didactic Instructor	2. 90.9% of students scored $\geq 85\%$ (N=22)

Goal 4 (August 2020-August 2021)

Graduate will display critical thinking/problem-solving skills.-Discussion

Analysis/Revisions/Recommendations (Goal 4: Graduate will display critical thinking/problem-solving skills):

- **SLO 1, Tool #1.** The measurement tools in RADR 1202 & 1250 benchmark was not met in 2021. The assignment has been modified over the last few years to better assess student learning, which has been met with some challenges. For improvement, instructor will continue to increase pre-evaluation activities to better prepare the students for the graded evaluations. **SLO 1, Tool #2.** The department is pleased with these results. Five-year comparison: SP 2017: 100%; 2018: 100%; SP 2019: 98.4%; SP 2020: 100%; SP 2021 scored no less than 4 (5.0 Likert)
- **SLO 2, Tool #1:** We strive to have students demonstrate adaptive behavior in critical/stressful scenarios, therefore we are pleased with the result of $100\% \geq 4$ and the three-year comparison, SP 2019: 100%, SP 2020: 100%, SP 2021 100% scored ≥ 4 . **SLO 2, Tool #2:** We are pleased with the results, however, to better measure this SLO, the instructor is considering to modify the oral portion of this assignment beginning in FA 2023. Three-year comparison: FA 2018: 95%, FA 2019: 95%, FA 2020 90.9% scored $\geq 85\%$

Goal 5 (August 2020-August 2021)

Graduate will exhibit professional development.

Goal 5: Graduate will exhibit professional development.					
Student Learning Outcome (SLO)	Measurement Tool	Benchmark	Timeframes	Group/Person Responsible	Results
1. Students will be able to demonstrate conduct as outlined in the ARRT "Code of Ethics".	1. Item 14 on Clinical Evaluation in Practicum V	1. 95% of students will score ≥ 4.0 (5.0 Likert)	1. 5 th semester	1. Clinical Coordinator	1. N=59, 59 scored 5, 100% scored ≥ 4
	2. RADR 1203, Pre-selected questions on Exam 4	2. Students will score $\geq 80\%$	2. 1 st semester (FA 20)	2. Didactic Instructor	2. 94.6% of questions were answered correctly (N=26)
2. Students will be able to differentiate between various modalities and professional organizations.	1. RADR 1201 Pre-selected questions on Exam #1	1. Students will score $\geq 80\%$	1. 1 st semester (FA 20)	1. Didactic Instructor	1. 87.6% questions answered correctly (N=23)
	2. RADR 2309-Will complete modality paper	2. Students will score $\geq 85\%$	2. 4 th semester (FA 20)	2. Didactic Instructor	2. 90.9 % of students scored $\geq 85\%$ (N=22)

Goal 5 (August 2020-August 2021)

Graduate will exhibit professional development.-Discussion

Analysis/Revisions/Recommendations (Goal 5: Graduate will exhibit professional development):

- **SLO 1, Tool #1:** We continue to be pleased with these results. Three-year comparison: SP 2019: 100%; SP 2020, SP 2021 100%: 100% scored ≥ 4.0 . **SLO 1, Tool #2.** We are pleased with this relatively new measurement tool (started FA 2019) Comparison data: 2019: 90.9%, 2020: 94.6% answer correctly
- **SLO 2, Tool #1:** We are pleased with the results for this tool, we saw an increase from FA 2019 74% questions answered correctly to FA 2020 87.6% questions answered correctly. **SLO 2, Tool #2:** There was a slight dip in overall % in FA 2020, however the benchmark was still surpassed. To better assess the student learning, in FA 2022, this assignment will be modified. New data to be collected. Three-year comparison: FA 2018: 100%; FA 2019: 96% FA 2020: 90.9% scored $\geq 85\%$



JRCERT

Follow Up from JRCERT Site Visit

- Site visit: 08/2021
- April 28, 2022, received a letter from JRCERT and we were awarded:
 - *Accreditation for a period of five years*
 - *Addressed: Objective 1.1, 3.3, 4.7, (requested by 7/5/2022) and 6.4 (requested by 12/1/2022)*
- August 25, 2022, received letter from JRCERT, still at 5 years accreditation status
 - *Addressed: Objective 4.7 and 6.4 (requested by 12/1/2022)*
- February 27, 2023, received letter from JRCERT, extension from years to eight years, interim report due 3rd quarter 2025, and tentative scheduled site visit for 3rd quarter of 2029

Annual Report to JRCERT

- 2021 Annual Report (data from: 2017-2021) submitted 10/7/2022

Amarillo College Strategic Plan

- Completion
 - *Action: Comprehensive Transfer/Completion Pathways*
- Align degrees and certificates with Labor Market Demand
 - *Action: Create Economic Diversification in Texas Panhandle*
- Learning
 - *Action: Infuse and Scale High Impact Practices*
- Equity
 - *Action: Build Systems for Equity Gains*
- Financial Effectiveness
 - *Action: Build Systems for Financial Viability and Fund Raising*

Resource Availability

- Advocacy & Resources Center
 - *Transportation Resources*
- The Underground (new high-tech hub/interactive learning center)
11,000 square feet of latest technology-Located on Washington Street Campus
- West Campus Tutoring/Outreach Center
- West Campus Computing Center
- West Campus Library
- Professional (SSS program) & Peer Radiography Tutor
- Two new RAD units SP 21 & SU 22 (both from Perkins grants)
- Several new phantoms (Perkins)



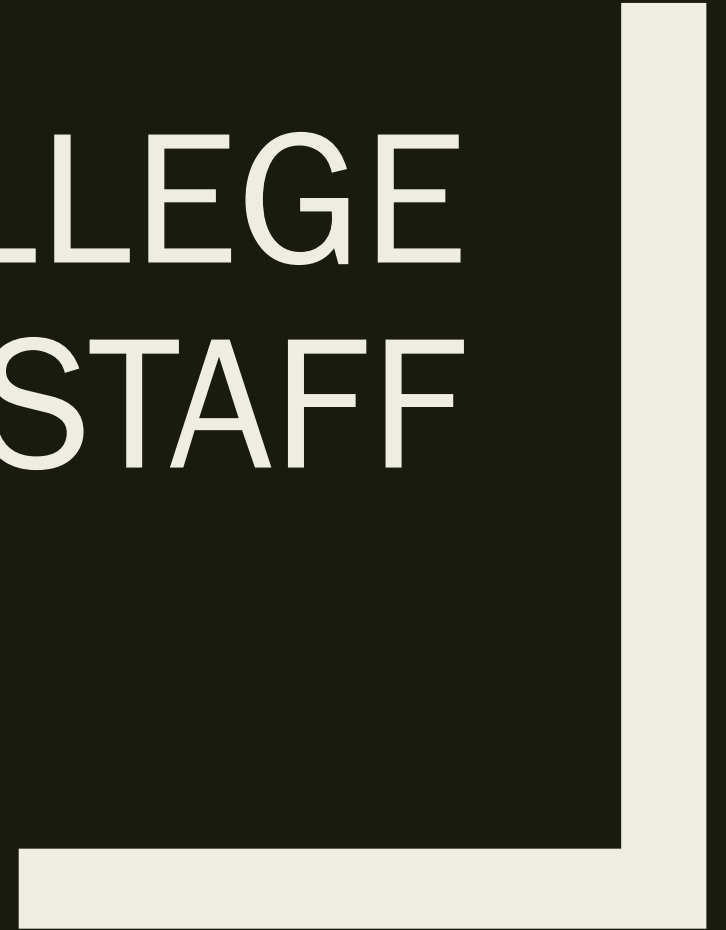
Application Process

- Application process now open until 5/31/2023
- 81 applications (as of 3/31/2023) submitted; 18 students attended the informational meetings/video hospital visits as of this presentation

ARRT Change Radiography Cut Score starting 1/1/2023

- Still has 75 threshold to pass, essentially will take approximately 4 more questions to pass
- To help increase ARRT 1st time pass rate, RADR 2235 SP2023
 - *Patient Care went from 125 To 130 question (125 graded & 5 pilot)*
 - *Safety went from 125 To 132 (125 graded & 7 pilot)*
 - *Image Production went from 200 to 230 (200 graded & 30 pilot)*
 - *Procedures (not yet taken) 150 SP2022, will increase # of questions*
 - *Corectec #2 (2/28/2023) 200 from Corectec & 30 in paper/pencil version*
 - *Corectec #3 (4/4/2023) 200 from Corectec & 30 in paper/pencil version*
 - *Corectec #4 (not yet taken) will follow #2 & #3 numbers*

AMARILLO COLLEGE FACULTY, STAFF



Amarillo College Faculty, Staff

- Clinical Instructor- Jamie Smith
- Lab/Clinical Assistant-Jim Huse

Competency

- JRCERT requested we more effectively utilize Typhon for competencies
- We move the competencies into Typhon
- Since inception of this record keeping:
 - *822 competency attempts*
 - *33 failed attempts, with 4 instances of students failing same competency twice*
 - *4 students have had remediation*

Clinical Hours

As of FA 2019

- RADR 1167 Practicum I, 160 hours
- RADR 1267 Practicum II, 270 hours
- RADR 2260 Clinical III, 189 hours
- RADR 2366 Practicum IV, 350 hours
- RADR 2367 Practicum V, 350 hours

As of FA 2023

- RADR 1167 Practicum I, 225 hours
 - *Will start Practicum Tuesday of week 4*
- RADR 1267 Practicum II, 240 hours
- RADR 2166 Practicum III, 119 hours
 - *Will be two day a week instead of 3*
- RADR 2366 Practicum IV, 350 hours
- RADR 2367 Practicum V, 350 hours

Clinical Hours

As of FA 19	Title	Sem. Hrs.	Contact Hrs.	Per credit Hrs.
RADR 1167 (I)	Pract.	1	160	160
RADR 1267 (II)	Pract.	2	270	135
RADR 2260 (III)	Clinical	2	189	94.5
RADR 2366 (IV)	Pract.	3	350	116.6
RADR 2367 (V)	Pract.	3	350	116.6
Total		11	1319	

As of FA 23	Title	Sem. Hrs.	Contact Hrs.	Per credit Hrs.
RADR 1266 (I)	Pract.	2	225	112.5
RADR 1267 (II)	Pract.	2	240	120
RADR 2160 (III)	Pract.	1	119	119
RADR 2366 (IV)	Pract.	3	350	116.6
RADR 2367 (V)	Pract.	3	350	116.6
Total		11	1284	

Only 35 hour less in now
approved plan (2.73% less)

Clinical Hours (beginning FA 23)

- RADR 1266 Practicum I; 2 days x 8.5 hours actual, scheduled for 9
- RADR 1267 Practicum II; 2 days x 8 hours actual, scheduled for 8.5
- RADR 2166 Practicum III; 2 days x 8.5 hours actual, scheduled for 9
- RADR 2366 Practicum IV; 3 days x 8 hours actual, scheduled for 8.5
- RADR 2367 Practicum V; 3 days x 8 hours actual, scheduled for 8.5

Amarillo College Faculty, Staff

- Health Science Advisor Report-Jessica Sanchez
- VPAA-Becky Burton
- Dean of Health Science-Kim Boyd
- Dean of Nursing-Kim Crowley



THANK YOU
&
ADJOURNMENT

