

# Radiography Spring 2016 Student SLO Report

*Spring 2016 - Radiography*  
August 10th 2017, 8:47 am MDT

## Q3 - What did you like about this program?

The instructors were awesome, very knowledgeable in the field because they were techs themselves.

The teachers are what make the program as great as it is. I enjoyed being able to experience many different clinical sites. The experience in both the lab and being hands on as well as classroom learning was beneficial.

I enjoyed being hands on and how well our teachers were engaged with us. Also that if I struggled with learning something that they were able to teach it another way that I would be able to learn it. Been an amazing experience overall.

Hands on learning. The instructors always made sure we understood things before moving on and were available a lot if we had any questions outside of class time.

I liked the challenge. I enjoyed learning about the human body as well. Also, learning about the equipment of this field is also great. I feel like I know a lot about the health field.

I enjoyed a high quality of education from teachers who had real life experience. They insured that my time was utilized wisely, teaching me only what was necessary to pass my boards and be competent in my field.

I enjoyed the instructors! They were very fun and knew the information that they were teaching us. The classes had the information that we needed to be successful for our tests and exams. Procedures 1 and 2 will stick with me for life.

The clinical experience was fantastic. The ability to use the skills throughout the entire program is a huge benefit. I loved the ability to have a lab downstairs to allow for adequate learning. The teachers were helpful and are very educated for the program. Small class sizes were beneficial for best learning. Extended clinical sites were helpful to know where possible career opportunities.

Hands on experience Clinical sites Instructors Lab time Content covered in class was in great detail

The outline of the classes. Everything went along with everything else and flowed together. The instructors helped me feel at ease with all of the information and I feel very prepared to take my boards.

I enjoyed everything about this program from the great teachers, to learning everything hands on in the classroom, to starting clinicals right away so we could apply our knowledge gradually in the clinical scene.

The teachers were amazing and awesome. They were always understanding and willing to explain things in a way that you would understand. They could always make things personable and always made everyone feel comfortable.

The instructors were great and very informative and knowledgeable in all of the class. I liked how the difficulty of the class challenged me. It made me have to think more to find the right answer and it made learning better for me.

#### Q4 - What would you change about this program?

I think sending first-semester students to big hospitals like Gundersen is a bit much and overwhelming, especially for those who have no CNA experience and have no experience with healthcare. Also I think it would be better to go to one clinical site for a longer amount of time.

I would have liked to had a week or two in the classroom and lab before heading right out to clinical. Going straight to clinical the first week and have everything thrown at me that first week was beyond stressful. I really wasn't sure if I could make it through the program at that point because of that. If we would have gotten a week or two to start to learn before being thrown out into clinical I think it would have reduced a lot of stress, as well as make my time at clinical more beneficial.

The radiographic equipment and operations class should be set up differently.

Clinical time to be the same for each semester.

To be honest, there isn't really anything I would change.

There were no frivolous and unneeded parts in my education. I believe that we were taught all we needed in a matter that was beneficial.

The Pathology course was very interesting although I felt the course deserved more than 1 credit. The Imaging Equipment Operations course was very hard to follow and understand the material. I think something could be improved there.

Clinical times would be consistent.

Nothing, this program was well organized and provided all essential information to become a great radiologic technologist

Having the clinical times be the same all throughout the program. It was hard with work schedules to have it change every semester.

I would change the clinical load after graduation. I feel that we are graduated and already did so much of clinicals during our two years that to do more after is a little much. We are all checked out and studying for our boards that clinicals isn't as fun as it was before.

Things were great but maybe a few more visuals to help the visual learners.

This program was great and I can not think of anything that I would change.

**Q6 - As a result of this program: I have learned effective communication skills.**

#	Answer	%	Count
1	Strongly Disagree	0.00%	0
2	Disagree	0.00%	0
3	Neither Agree nor Disagree	0.00%	0
4	Agree	15.38%	2
5	Strongly Agree	84.62%	11
	Total	100%	13

**Q7 - Provide any comments you have on effective communication skills you learned.**

The clinical experience forces you to get out there and learn how to interact with patients and give them clear instructions. The experience is invaluable.

There were many times where we sat as a class and went over ways to be professional in life. We discussed many ideas on how to communicate effectively.

I have gained a great understanding of how to interact with patients in all settings and with a diverse group of patients.

How to communicate with patients. What the correct questions to ask patients.

This program has provided me with plenty of communication skills that I will need for the rest of my life. Interacting with patients and working with many other people greatly contributes to my communication skills.

We were taught the effective means by which to communicate with patients to ensure all their needed are met and that we received the necessary information from them

Being a CNA throughout the program has helped with my communication skills.

Having clinical throughout the entire program has helped with communication skills on a patient aspect.

I am now able to communicate with patients more thoroughly than I have been able prior. I stutter less and have gained more confidence in patient care.

Clinical and also my past jobs have helped so much with this

I feel that my teachers really communicated effectively on black board with us.

We were always encourage to voice our opinions and expectations on things.

Over the length of this program I learned how to communicate with my patients in a much more comfortable and smooth manner.

**Q8 - As a result of this program: I am able to apply mathematical concepts.**

#	Answer	%	Count
1	Strongly Disagree	0.00%	0
2	Disagree	0.00%	0
3	Neither Agree nor Disagree	0.00%	0
4	Agree	69.23%	9
5	Strongly Agree	30.77%	4
	Total	100%	13

**Q9 - Provide any comments you have on mathematical concepts you learned.**

Math doesn't always come easy to everyone, so learning how to apply it is just difficult because of my own abilities.

We were definitely thought the math skills necessary for our program. Although we were thoroughly taught, I still struggle with math in general which is not a reflection of the information taught.

We do not use any mathematical equations at clinical

This program has improved my math skills, especially physics.

All math concepts were in the scope of my understanding, although I rarely was able to apply them in real time.

I don't like math...

I don't always use these at clinical due to having other resources available but there would be a time it would be useful.

The different formulas and content provided in the physics and imaging course has made doing these mathematical problems easier and are much more understandable.

There are so many different equations and math problems. It's sometimes difficult to differentiate between them all. But we learned simple ways of trying to remember them.

This program was good for refreshing my mind on my basic math skills.

**Q10 - As a result of this program:** I learned how to transfer social and natural science theories into practical applications.

#	Answer	%	Count
1	Strongly Disagree	0.00%	0
2	Disagree	0.00%	0
3	Neither Agree nor Disagree	7.69%	1
4	Agree	46.15%	6
5	Strongly Agree	46.15%	6
	Total	100%	13

**Q11 - Provide any comments you have on transferring social and natural science theories into practical applications.**

A lot of things we learned definitely applied to the clinical/real world experience. However, there was also a lot of information that just isn't very applicable at all, like film-screen, and knowing all the parts and functions to outdated equipment that we'll never use.

We were all able to take all the book information we learned and applied it in the clinical setting and with our patient care and positioning.

Realize the effects of ionizing radiation and apply that knowledge while at clinical.

I feel I can relay what I learn in the classroom into the real world at clinical.

All theory was related to real world examples and then practiced.

When using the technical factors you had to use the proper factors for different patient body habitus.

Sometimes difficult to understand

**Q12 - As a result of this program: I learned critical thinking skills.**

#	Answer	%	Count
1	Strongly Disagree	0.00%	0
2	Disagree	0.00%	0
3	Neither Agree nor Disagree	0.00%	0
4	Agree	7.69%	1
5	Strongly Agree	92.31%	12
	Total	100%	13

**Q13 - Provide any comments you have on critical thinking skills you learned.**

Again, the clinical experience really gets you out there and challenged your ability to think thin critically.

Taking x-rays on difficult people has really given me the ability to critically think.

I have learned this skill and am happy that I can now apply it in many situations within the clinical setting because it is implemented often.

We use critical thinking skills everyday at clinical because of all the different types of patients and their abilities.

This program teaches you to think critically in many ways, even unintentionally.

The various clinical settings with all their individual characteristics continually challenged me to adapt to the situation.

At clinical you need to be able to think outside the box for some patients.

There's always the difficult patient to utilize critical thinking skills.

Every patients abilities are different. So you have to position differently than what you normally would. Sometimes we have to move the tube in complicated positions in order to obtain an acceptable image.

I learned great skills that I can apply in my clinical and now work field.

**Q14 - As a result of this program:** I have learned to use technology effectively.

#	Answer	%	Count
1	Strongly Disagree	0.00%	0
2	Disagree	0.00%	0
3	Neither Agree nor Disagree	0.00%	0
4	Agree	15.38%	2
5	Strongly Agree	84.62%	11
	Total	100%	13

**Q15 - Provide any comments you have on what you learned about using technology effectively.**

Countless clinical hours giving experience with so many different types of technology.

Being that I have a good knowledge already of technology I found it easy to incorporate the new technology skills we learned that pertain to our program.

Knowing the differences between exposures of cr and dr.

I have learned how to participate in probably every task involving technology related to this field.

I have a great deal of knowledge and practical experience with different X-ray equipment.

Our field is constantly changing in technology which we have to keep up with. The new iPads for the program are a great improvement!

With different clinical sites allow us to use different brands of equipment. This is helpful when we are applying for jobs and for allowing more knowledge.

In this program there are different applications that you to accommodate and learn. There are many different image acquisition systems that we use. Also different patient information systems.

I have improved on my computer skills and learned how to use radio graphic equipment in a very efficient effective way.

**Q16 - As a result of this program:** I have learned to value myself and work ethically with others in a diverse population.

#	Answer	%	Count
1	Strongly Disagree	0.00%	0
2	Disagree	0.00%	0
3	Neither Agree nor Disagree	0.00%	0
4	Agree	23.08%	3
5	Strongly Agree	76.92%	10
	Total	100%	13

**Q17 - Provide any comments you have on what you learned about valuing yourself and working ethically with others in a diverse population.**

I think some clinical sites are better than others at giving you confidence in your abilities.

In our clinical setting there are many different kinds of people that we work with and this program has taught me how to ethically work with others in all situations.

We see all kinds of different people out at clinical and have to adapt to them, whether it would be their language or body habitus, etc.

Clinical especially has taught me how to work in a diverse environment.

I have always been a good person.

You see all kinds of people at clinical and you HAVE to be able to work with all of them.

I have learned to accept every single patient that enters the exam room just like any other person regardless of the situation. Everyone deserves respect.

We have learned to work with a variety of people.



**Q18 - As a result of this program:** I am able to make decisions that incorporate the importance of sustainability.

#	Answer	%	Count
1	Strongly Disagree	0.00%	0
2	Disagree	7.69%	1
3	Neither Agree nor Disagree	7.69%	1
4	Agree	15.38%	2
5	Strongly Agree	69.23%	9
	Total	100%	13

**Q19 - Provide any comments you have on what you learned about incorporating the importance of sustainability in decisions you make.**

I don't feel like this was covered much at all.

I can do it and like to.

**Q21 - As a result of this program, I learned to: provide quality patient care.**

#	Answer	%	Count
1	Strongly Disagree	0.00%	0
2	Disagree	0.00%	0
3	Neither Agree nor Disagree	0.00%	0
4	Agree	0.00%	0
5	Strongly Agree	100.00%	13
	Total	100%	13

**Q22 - Provide any comments you have about learning this program outcome.**

Definitely!! I do wish I had done a CNA program before this, but Intro to Radiography and all the clinical experience has definitely helped me to give good patient care.

This was essential for becoming and growing as a professional in the workplace.

We learned about quality patient care in every class we had and how each of them are so important in their own ways.

We learn how to provide quality patient care with aspects the patients can see and the aspects that patients can't see.

Procedures to clinical.

I am already a CNA so the program just encourages what I already know about patient care.

Being patient is key.

I felt that they both gave us great information in class to where we can apply it to any of our patients that we receive. They taught us what to expect and what to do in that situation.

**Q23 - As a result of this program, I learned to: practice radiation safety principles.**

#	Answer	%	Count
1	Strongly Disagree	0.00%	0
2	Disagree	0.00%	0
3	Neither Agree nor Disagree	0.00%	0
4	Agree	7.69%	1
5	Strongly Agree	92.31%	12
	Total	100%	13

**Q24 - Provide any comments you have about learning this program outcome.**

Rad Protection and Biology was an awesome class!

ALARA!!!!

Learning about ionizing radiation is so important because patients are sometimes concerned with the number of exams they have because of their condition.

Continue to apply the principles of alara, time, distance, and shielding.

We are to practice safety practices.

**Q25 - As a result of this program, I learned to:** apply critical thinking and problem solving skills in the practice of diagnostic radiography.

#	Answer	%	Count
1	Strongly Disagree	0.00%	0
2	Disagree	0.00%	0
3	Neither Agree nor Disagree	0.00%	0
4	Agree	0.00%	0
5	Strongly Agree	100.00%	13
	Total	100%	13

**Q26 - Provide any comments you have about learning this program outcome.**

See previous question about critical thinking.

Different patients have different abilities and we must be able to work around them and still provide high quality images for the doctor and radiologist.

Yes

Critical thinking is used during clinical every day.

This is always needed when performing an exam on a difficult patient. We are always thinking outside of the box. Whether it be angling the tube to achieve the oblique views or to be using sponges or other aides to help achieve the optimal image.

Radiology is all about critical thinking. I never thought I would use it so much.

There have been multiple situations where I have had to think outside of the box to complete an exam in a way that wasn't talked about in class.

**Q27 - As a result of this program, I learned to:** carry out the production and evaluation of radiographic images.

#	Answer	%	Count
1	Strongly Disagree	0.00%	0
2	Disagree	0.00%	0
3	Neither Agree nor Disagree	0.00%	0
4	Agree	0.00%	0
5	Strongly Agree	100.00%	13
	Total	100%	13

**Q28 - Provide any comments you have about learning this program outcome.**

Xxxx has done a great job of teaching us in detail on how to evaluate radiographic images.

I now know how to tell what is an acceptable image and what I need to repeat.

Learning how to evaluate an image is difficult and is what I struggle with, knowing when to repeat an image or not.

Quality analysis has taught me numerous ways to carry out the production of quality of radiograph images.

Quality analysis contributed and perfected my base knowledge.

We have courses which teach what is needed for the perfect image.

Quality Analysis REALLY helped me with this and it made me think "better" to where I am producing better quality images

Going over comps and revers just ensured my knowledge in the material and helped me gain a better understanding of certain exams.

**Q29 - As a result of this program, I learned to:** apply computer skills in the radiographic clinical setting.

#	Answer	%	Count
1	Strongly Disagree	0.00%	0
2	Disagree	0.00%	0
3	Neither Agree nor Disagree	15.38%	2
4	Agree	23.08%	3
5	Strongly Agree	61.54%	8
	Total	100%	13

**Q30 - Provide any comments you have about learning this program outcome.**

We get to work with the computer when taking images, but not so much working with starting the exam, annotating patient notes, tracking the images, etc.

We don't really get a chance to use computers in the clinical setting.

We don't really do much computer work, the techs do it

We gained some experience in packs but not so much in other healthcare systems that techs use.

We have a lot of computer skills which are needed within our program. Consisting of the control panel and post processing our images in the control room and on the portable.

**Q31 - As a result of this program, I learned to:** model professional and ethical behavior consistent with the A.R.R.T. Code of Ethics.

#	Answer	%	Count
1	Strongly Disagree	0.00%	0
2	Disagree	0.00%	0
3	Neither Agree nor Disagree	0.00%	0
4	Agree	7.69%	1
5	Strongly Agree	92.31%	12
	Total	100%	13

**Q32 - Provide any comments you have about learning this program outcome.**

This was discussed in great length with great emphasis.

Knowing how to act in each situation is important

Being a professional in this field is critical and has been shown how important it is to always act with professionalism.

I understand and will apply myself to these principles

Our classes highlight many of the code of ethics as well as our clinical site.

**Q33 - CONCLUSION Please use this space to share any other feedback, comments, or suggestions about your experience at Western Technical College.**

My experience at WTC has been very positive. It is a great school and the Radiography program is very rigorous. I think some improvements could be made with parking for students at the Health Science Center with parking.

I had a great experience at Western Technical College. The college made it possible to learn Radiography as "on the job" training. Not every college can make that happen.

I just wanted to say thank you for everything because this program has truly helped me grow as a person and has helped me achieve the starting point of the prospective future I am reaching for.

I absolutely loved the last two years of this program! It was an awesome experience and I learned so much more than I thought I would!

This program was a challenge to me. I enjoy challenges and I feel it has made me into a better person in many ways. I feel that I am equipped with the skills that I need in life and with the skills I need in my future career as a radiographer. The instructors are nothing short of amazing and are always willing to help with anything. The instructors make sure you know what you need to know. This program was a great experience.

I would recommend this course to any future student

I love Western and have had a great 2 years!

Western is a great college. They have wonderful and beneficial programs to help young adults be successful. I am anxious to begin my career as a radiologic technologist. Teachers are always willing to lend an extra hand and to allow for the maximum learning experience. Western has a great "name" as we are respected when attending various clinical sites. I have enjoyed my experience at Western and though it may not be the end school for some it is a wonderful first step.

This was one of the best programs that I have been through. I feel prepared for the work force and am glad that I had my education at WTC!

I have never been so happy with my decision at Western. Although it took me 4 years to complete a 2 year degree I have learned so much. I am thankful for my experiences and opportunities it has given me. With only a few weeks left of the program I am excited, nervous, anxious, but very prepared for what is to come.

Great experience! I wouldn't change anything really for the Radiography program besides what I had listed before. The knowledge, encouragement, and enthusiasm that both Xxxxx and Xxxxx have given us makes me so excited for the work field. I can't thank them enough for all their support and patients while being in this program. I feel 100 percent confident that I am ready for the work field because of them. The time line of the classes all lined up to where we can build off of information from one class to apply to another thing we are learning and I thought that was so fun.

Xxxxx and Xxxxx are amazing teachers. They knew how to adapt information in a way that everyone could understand. If there was something they weren't sure how to interpret for our understanding, there were other students that could focus our attention and put terms in words that were better understanding for us.

I had nothing but a positive experience here at Western especially with this program. The instructors were amazing and the diversity in the program curriculum was great for my educational experience.