

# 1. Assessment Plan - Four Column



## PIE - Technology & Health: Radiologic Technology Unit

### Narrative Reporting Year

**2017-18**

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**External Conditions, Trends, or Impacts:** 1. Employers are seeking graduates with a broader range of skills in advanced imaging modalities.

2. Increased financial burden continues to challenge students (fuel, tuition, textbooks, food, housing, uniforms).

3. Employment demand continues to improve.

4. Accrediting agency requirements, credentialing body requirements, and state/federal regulations affecting program planning continue to change requiring continuous program modifications.

5. Technological advances in the field of RAD Tech have led to significant changes in the equipment being used in the clinical setting. The changes impact the program as we struggle to secure funds to keep our lab equipment up to date.

6. Securing clinical sites for student training is a challenge and limits growth. Sites are either affiliated with other RAD Tech program or do not want to participate in student training. Some of our current clinical training sites are slow or do not offer training in advanced modalities (CT, Mammo); thus, we need to seek new affiliations to improve student's clinical experience and to support competency achievement.

7. The Centers for Medicare & Medicaid Services is tying reimbursements to Hospital Consumer Assessment of Healthcare Providers and Systems survey scores (patient satisfaction score). The score places immense pressure on hospital staff to keep patients satisfied. Thus, it is essential that RTs and RT students provide excellent patient care. A high priority needs to be placed on preparing RT students with the soft skills necessary to provide effective patient care.

**Internal Conditions, Trends, or Impacts :** 1. Lack of adjunct faculty limits program growth. Need to hire adjunct faculty to assist in teaching courses in the new CT and Mammography programs, and to teach unassigned sections in the RT and CT programs.

2. Imaging technology upgrades are needed on a continual basis to keep equipment in the lab current and up to date with the technology used in the clinical setting. Specific technology upgrades include a CR or DR system to replace the film processing system removed from the lab in Spring 2016 and new x-ray machines. The x-ray machines in the laboratory are 18 years old. One x-ray tube failed in Spring 2016. Due to the equipment's age, it is likely that other parts of the two x-ray machines will start failing. Need to update the x-ray machines as soon as possible. The lack of updated imaging equipment negatively impacts student learning and skill acquisition because the equipment does not mirror the workplace.

3. Addition of the new Mammography and Computed Tomography certificate programs requires establishing new clinical affiliations to provide clinical training to students in those advanced modalities.

4. Lab phantoms and imaging accessories need to be replaced or repaired to maintain an effective learning environment and functioning lab. Multiple phantoms need replacement or repair immediately.

5. The number of students in the program and the number of clinical sites needed to support student clinical training requires an increase in reassigned time (RT) to effectively fulfill the Program Director's role. Also, the addition of the two new certificate programs has added a significant load to this role, further impacting the need for increased RT. A request for an increase in the Program Director's RT was submitted in 2015-2016 and again in 2016-2017. A partial increase was granted in 2015-2016 (from 6 to 12LHE); however, the total RT requested (22.5LHE) was not granted. The lack of balance between the time needed to fulfill duties and the hours of RT granted, negatively impacts the Director and the program.

6. An increasing number of RT students are not prepared with the soft skills needed to provide effective patient care. This issue has been identified by program faculty and clinical staff. Students need to develop soft skills prior to program enrollment. (e.g., communication, teamwork, attitude, professionalism, decision making, and critical thinking)

**Critical Decisions Made by Unit:** 1. Maintained reduced cohort size (36) due to employment demand. Will continue to monitor 5 year average.

2. IV training and curriculum was moved away from continuing education and into credit course RAD91- Nursing Procedures.

**Notable Achievements for Theme A: To Advance Academic Excellence and Student Achievement:** 1. RAD Tech program received special recognition by the Chancellor's Office for being a career education program with strong workforce outcomes! Based on LaunchBoard data, the RAD Tech program demonstrated the following outcomes: a) 96.1% increase in earnings, and b) 86% of students attained the regional living wage.

2. Eight students who are currently enrolled in the RAD Tech program, enrolled in the new Mammography Certificate Program. The program began in Spring 2018 and will end after Summer 2018 semester. All eight students passed the didactic portion of the program. The eight students are finishing up the clinical component of the program over summer 2018.

3. Nine of eleven students enrolled in the CT certificate program, successfully completed the program at the end of Spring 2018. Five additional students enrolled and successfully passed the didactic portion of the program (students opted out of the clinical component). Program Completion Rate was 82% (9 out of 11). Will survey graduates for credentialing exam pass rate and job placement rate.

4. The RAD Tech program reports the following program effectiveness data: a) 96% job placement rate (JPR) for the Class of 2016. Class of 2017 preliminary JPR of 100% (to be finalized on 8/02/18); b) 81% credentialing exam pass rate on first attempt and within 6 months of graduation for Class of 2017; c) 81% program completion rate for Class of 2017.

5. Improved student training opportunities by establishing new clinical affiliations with Hill Imaging Center (RT, Mammo) and Huntington-Hill Imaging Center (RT, CT, & Mammo)

6. Revised all Mammo curriculum to meet changes in credentialing body educational/clinical requirements (ARRT) and ASRT Mammography curriculum.

**Notable Achievements for Theme C: Secure Human, Technological, & Financial Resources:** 1. The program secured Title V funding for 2017-2018 to offer tutoring and open lab services for RAD Tech program students.

2. An online application system was developed for the RAD Tech program improving operational efficiency and effectiveness. Final development of the online system is scheduled to be completed in the 18-19 year.

**Contributors to the Report:** Monique Neel - Radiologic Technology

<i>Unit Goals</i>	<i>Resources Needed</i>	<i>Where We Make an Impact: Closing the Loop on Goals and Plans</i>
<p><b>Student Success</b> - To advance student academic excellence and achievement, and prepare students for success through exemplary programs in Radiologic Technology, Mammography, and Computed Tomography.</p> <p><b>Status:</b> Active</p> <p><b>Goal Year(s):</b> 2016-17, 2017-18, 2018-19, 2019-20, 2020-21</p> <p><b>Date Goal Entered (Optional):</b> 09/01/2016</p>	<p><b>No Funding Requested</b> - Establish new clinical affiliations to provide clinical training opportunities in Radiologic Technology, Computed Tomography, and Mammography.</p> <p><b>Describe Plans &amp; Activities Supported:</b> This plan will provide students with the opportunity to access clinical experiences that support skill acquisition necessary to achieve competency and to succeed in the workplace.</p> <p><b>Lead:</b> Monique Neel</p> <p><b>Planning Unit Priority:</b> High</p> <p><b>What would success look like and how would you measure it?:</b> The program will establish affiliation agreements with new sites to secure additional clinical placement for at least 5 CT students, 3 Mammography students, and 3 RT students.</p> <p><b>Documentation Attached?:</b> No</p>	<p><b>Reporting Year:</b> 2017-18</p> <p><b>% Completed:</b> 75</p> <p>Plan in progress. Improved student training opportunities by establishing new clinical affiliations with Hill Imaging Center (RT &amp; Mammo), Huntington Hill Imaging Center (RT, CT, &amp; Mammo). Have not met criteria for CT and Mammo programs. Will continue to work on establishing new clinical affiliations in 2018-2019.</p> <p>-The criteria for RT program was to establish affiliation agreements with new sites to secure additional clinical placement for 3 students. In 2016-2017, secured placement for 1 additional student. In 2017-2018, secured placement for 2 additional student.</p> <p>-The criteria for CT program was to establish affiliation agreements with new sites to secure additional clinical placement for 5 students. In 2016-2017, secured placement for 2 additional students. In 2017-2018, secured placement for 2 additional students.</p> <p>-The criteria for Mammo program was to establish affiliation agreements with new sites to secure additional clinical placement for 5 students. In 2016-2017, did not secure placement for any additional students. In 2017-2018, secured placement for 4 students. Finding clinical placement for the students enrolled in the mammo program continues to be a serious challenge.</p> <p>As a result of new clinical affiliates, the student's ability to achieve clinical experience requirements and maintain professional currency did improve. Also, the new CT affiliations allowed us to accept two additional students in the CT program for Class of 2018.</p> <p>Expect to meet the establish criteria in 2018-2019. (04/08/2018)</p>
		<p><b>Reporting Year:</b> 2016-17</p> <p><b>% Completed:</b> 25</p> <p>Plan in progress. Improved student training opportunities by establishing new clinical affiliations with Magan Medical</p>

<i>Unit Goals</i>	<i>Resources Needed</i>	<i>Where We Make an Impact: Closing the Loop on Goals and Plans</i>	
	<p><b>Completed</b> - Revise all RAD Tech course curriculum to meet changes in state education requirements (RHB), credentialing body educational/clinical requirements (ARRT), and accrediting agency adopted curriculum requirements (ASRT) by May 1, 2017. This plan will enable the program to maintain full compliance with education and clinical training requirements necessary to continue offering an</p>	<p>Center (RT, Feb 2017, 1 student), Arcadia Radiology (CT, Dec 2016, 1 student), and Centerlake Imaging (CT, Dec 2016, 1 student). Have not met criteria. Will continue to work on establishing new clinical affiliations for 2017-2018 program cohorts.</p> <p>-The criteria for RT program was to establish affiliation agreements with new sites to secure additional clinical placement for 3 students. In 2016-2017, secured placement for 1 additional student.</p> <p>-The criteria for CT program was to establish affiliation agreements with new sites to secure additional clinical placement for 5 students. In 2016-2017, secured placement for 2 additional students.</p> <p>-The criteria for Mammo program was to establish affiliation agreements with new sites to secure additional clinical placement for 5 students. In 2016-2017, did not secure placement for any additional students. Finding clinical placement for the students enrolled in the program was a serious challenge.</p> <p>As a result of new clinical affiliates, the student's ability to achieve clinical education competencies and maintain professional currency did improve. Also, the new CT affiliations allowed us to accept two additional students in the CT program for Class of 2017.</p> <p>Expect to meet the establish criteria in 2017-2018. (06/14/2017)</p> <p><b>Reporting Year:</b> 2016-17  <b>% Completed:</b> 100  Plan completed May 1, 2017. As a result, the RAD Tech program has met expected outcome by maintaining full compliance with education and clinical training requirements set forth by the state of California, the program's accrediting agency (JRCERT), and the RAD Tech credentialing agency (ARRT).  The implementation of this plan ensures that we continue to offer an exemplary program through up-to-date, industry valued, and a compliant curriculum that supports student success. (06/14/2017)</p>	<p>: As a result of implementing this plan, the program has met the expected outcome by maintaining full compliance with education and clinical training requirements set forth by the state of California, the program's accrediting agency (JRCERT), and the RAD Tech credentialing agency (ARRT). Assessment of the implementation of this plan ensures that we continue to offer</p>

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exemplary program.  
**Lead:** Monique Neel  
**Planning Unit Priority:** High  
**What would success look like and how would you measure it?:** Degree and course curriculum will be modified and approved by May 1, 2017.

**No Funding Requested** - Offer the new Mammography Certificate Program to current RAD Tech program students in Spring and monitor student success.  
**Describe Plans & Activities Supported:** This plan will prepare students to earn certification in Mammography upon program completion. Also, having advanced certification in Mammography will make graduates more marketable when seeking employment and prepare them for success in the workplace.  
**Lead:** Monique Neel  
**Planning Unit Priority:** High  
**What would success look like and how would you measure it?:** - 50% of female RAD Tech students will enroll in the new Mammo program  
 - 90% of enrolled students will complete the program successfully  
 - 75% of graduates will pass the Mammo credentialing exam on first attempt within 6 months of graduation

**Reporting Year:** 2017-18  
**% Completed:** 75  
 Plan is in progress. The new Mammography program was offered in Spring/Summer 2018 to RAD Tech program students. Eight out of 16 (50%) female RAD Tech students enrolled in the program meeting expected outcome. The program began in Spring 2018 and will end after Summer 2018 semester. All eight students passed the didactic portion of the program. The eight students are finishing up the clinical component of the program over summer 2018. The 2018 program completion rate (PCR) cannot be determined at this time. Will calculate PCR on August 2, 2018.

The biggest challenge in the Mammo program was finding clinical placement for the students to complete their clinical requirements. Facilities are not as inclined to participate due to the sensitive nature of the modality. Will need to work on establishing additional clinical affiliations in 2018-2019 to continue offering the clinical component of the program as the current affiliations cannot accommodate placement for the demand.

No individuals enrolled in the didactic course that were not currently enrolled in MtSAC RT program. In 2016-2017, three students from Loma Linda University (LLU) enrolled and successfully passed the didactic portion of the

an exemplary program through up-to-date, industry valued, and compliant curriculum that supports student success. The revised RAD Tech program's course curriculum will prepare graduates to pass the credentialing exam and feel job ready.

This accomplishment aligns with college goals #1 and #2. (06/14/2017)

<i>Unit Goals</i>	<i>Resources Needed</i>	<i>Where We Make an Impact: Closing the Loop on Goals and Plans</i>
	<p>- 75% of graduates will secure employment in Mammo within 12 months of graduation</p>	<p>Mammography program. The LLU students were not eligible to participate in the clinical component because they are not current Mt. SAC RAD Tech program students (State regulations do not allow these students to participate); however, the didactic course did help the LLU students meet educational requirements set forth by the state of California and the credentialing body. The demand for enrolling in the Mammo didactic course by outside students was unforeseen. Will continue to consider outside demand when planning for future didactic course offering and marketing efforts. (04/08/2018)</p> <hr/> <p><b>Reporting Year:</b> 2017-18  <b>% Completed:</b> 100  4/7/18- Update to 6/14/17 progress  - 59% of female RAD Tech students enrolled in program (criteria met)  - 100% (10/10) of enrolled RAD Tech students completed the program successfully (criteria met)  - Need to modify criteria for 18-19. Will remove monitoring of credentialing exam pass rate and job placement rate for Mammography due to the challenges in tracking this data.</p> <p>6/14/17- Plan is in progress. The new Mammography program was offered in Spring/Summer 2017 to RAD Tech program students. Ten out of 17 (59%) female RAD Tech students enrolled in the program meeting expected outcome. The program began in Spring 2017 and will end after Summer 2017 semester. All ten students passed the didactic portion of the program. The ten students are finishing up the clinical component of the program over summer 2017. The program completion rate (PCR) cannot be determined at this time. Will calculate PCR on August 2, 2017.</p> <p>The biggest challenge in the Mammo program was finding clinical placement for the students to complete their clinical requirements. Facilities are not as inclined to participate due to the sensitive nature of the modality. Will need to work on establishing additional clinical affiliations in 2017-</p>

<i>Unit Goals</i>	<i>Resources Needed</i>	<i>Where We Make an Impact: Closing the Loop on Goals and Plans</i>
	<p><b>No Funding Requested</b> - Offer the new Computed Tomography (CT) Certificate Program in Winter and monitor student success</p> <p><b>Describe Plans &amp; Activities</b></p> <p><b>Supported:</b> This plan will prepare Certified Radiologic Technologists (CRTs) to earn certification in CT upon program completion. Also, having advanced certification in CT will make graduates more marketable when seeking employment and prepare them for success in the workplace.</p> <p><b>Lead:</b> Monique Neel</p> <p><b>Planning Unit Priority:</b> High</p> <p><b>What would success look like and how would you measure it?:</b> - CRTs will enroll in the CT program. Enrollment will be at maximum capacity. - 90% of enrolled students will complete the program successfully</p>	<p>2018 to continue offering the clinical component of the program as the current affiliations cannot accommodate placement for the demand.</p> <p>Also, three additional students from Loma Linda University (LLU) enrolled and successfully passed the didactic portion of the Mammography program. The LLU students were not eligible to participate in the clinical component because they are not current Mt. SAC RAD Tech program students (State regulations do not allow these students to participate); however, the didactic course does help these students meet educational requirements set forth by the state of California and the credentialing body. The demand for enrolling in the Mammo didactic course by outside students was unforeseen. Will use this data to plan for next year's didactic course offering and marketing efforts. (04/07/2018)</p> <p><b>Reporting Year:</b> 2017-18 <b>% Completed:</b> 75</p> <p>Plan implementation is in progress. Some of the data is not available at this time to determine if criteria for success has been met for the Class of 2018.</p> <p>The new CT program was offered in Winter/Spring 2018 and 20 CRTs applied. Twelve applicants were admitted into the program meeting the expected outcome and criteria for success. Applicants were admitted based on a lottery system due to limited clinical training sites.</p> <p>Nine of the twelve students enrolled in the CT certificate program successfully completed the program at the end of Spring 2018. One student dropped during the Winter semester because she decided not to pursue CT at this time. The second student was dismissed in the Winter semester from the clinical setting due to a patient care error. The third student was dismissed in the Spring semester due to lack of technical skills and his inability to work well with staff. The two students dismissed were not reassigned to another clinical site. When calculating the number of students who begin the program, the program does not</p>

<i>Unit Goals</i>	<i>Resources Needed</i>	<i>Where We Make an Impact: Closing the Loop on Goals and Plans</i>	
<ul style="list-style-type: none"> <li>- 75% of graduates will pass the CT credentialing exam on first attempt within 6 months of graduation</li> <li>- 75% of graduates will secure employment in CT within 6 months of graduation</li> </ul>		<p>consider students who attrite due to nonacademic reasons (e.g., financial, medical, family, change of major/course of study, military deployment).            Five additional students enrolled and successfully passed the didactic component of the program. These students opted out of the clinical component. Most had access to CT clinical training at their own workplace.</p> <p>The program completion rate was 82% (9 out of 11) meeting the expected outcome and criteria for success.</p> <p>The implementation of this plan has prepared 9 CRTs to earn certification in CT. Also, advanced training and certification should make program graduates more marketable when seeking employment and prepare them for success in the workplace. Will monitor graduates for credentialing exam pass rate and job placement rate by December 17, 2018 (within 6 months of graduation). (04/08/2018)</p>	
		<p><b>Reporting Year:</b> 2017-18  <b>% Completed:</b> 100            4/8/18- Update to 6/14/17 progress            - Program enrollment with clinical placement was at maximum capacity            - 100% (12 of 12) of enrolled students completed the program successfully (criteria met)            - 100% (11 of 11) of graduates passed the CT credentialing exam on first attempt within 6 months of graduation. One student chose not to sit for the ARRT exam.            - 100% (12 of 12) of graduates secured employment in CT within 6 months of graduation</p> <p>6/14/17- Plan implementation is in progress. Some of the data is not available at this time to determine if criteria for success has been met for the Class of 2017.</p> <p>The new CT program was offered in Winter/Spring 2017 and 20 CRTs applied. Thirteen applicants were admitted into the program meeting the expected outcome and criteria for success. Applicants were admitted based on a lottery</p>	<p>: As a result of the progress and assessment of this plan, the program has met the expected outcome by academically and clinically preparing 12 CRTs to earn certification in CT. The 93% program completion rate indicates students can successfully achieve the learning objectives of program courses and achieve the required clinical competencies during their clinical training.</p> <p>The intent of the program is to provide graduates with the advanced education and training necessary to earn CT certification, to make graduates more marketable when seeking employment, and to prepare</p>



<i>Unit Goals</i>	<i>Resources Needed</i>	<i>Where We Make an Impact: Closing the Loop on Goals and Plans</i>	
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system due to limited clinical training sites.

Twelve of the thirteen students enrolled in the CT certificate program successfully completed the program at the end of Spring 2017. One student dropped during the Winter semester due to a medical condition. When calculating the number of students who begin the program, the program does not consider students who attrite due to nonacademic reasons (e.g., financial, medical, family, change of major/course of study, military deployment). Two additional students enrolled and successfully passed the didactic component of the program. These students opted out of the clinical component because they had access to CT clinical training at their own workplace.

The program completion rate for the first offering of the CT program was 100% (12 out of 12) meeting the expected outcome and criteria for success.

The implementation of this plan has prepared 12 CRTs to earn certification in CT. Also, advanced training and certification should make program graduates more marketable when seeking employment and prepare them for success in the workplace. Will monitor graduates for credentialing exam pass rate and job placement rate by December 18, 2017 (within 6 months of graduation). (06/14/2017)

graduates for success in the workplace. To determine if these expected outcomes and criteria have been met, will need to monitor graduates for credentialing exam pass rate and job placement rate within 6 months of graduation. This data collection requires ongoing "Use of Results." Will follow up on December 17, 2017.

The implementation of this plan ensures that we continue to offer an exemplary program that prepares students for success and aligns with college goals #1 and #2. (06/22/2017)

**No Funding Requested** - Measure job placement rate (JPR) of RAD Tech program graduates to ensure graduates secure jobs and to ensure the employment demands of the medical community are met.

**Describe Plans & Activities Supported:** Will use job placement data to guide program planning and/or decision making.

**Lead:** Monique Neel  
**Planning Unit Priority:** Medium  
**What would success look like and**

**Reporting Year:** 2017-18  
**% Completed:** 100  
 Class of 2016 JPR is 96% and 2016 five year JPR is 85%. Benchmark of five-year average job placement rate of not less than 75 percent within twelve months of graduation was met. Although benchmark was met, faculty analyzed and discussed data and reasons for lack of employment.

- Class of 2016 has 31 graduates total. Twenty-three of the graduates were actively seeking employment.
- 22 out of 23 Class of 2016 graduates actively seeking responded they secured employment= 96% job placement rate

## Unit Goals

## Resources Needed

## Where We Make an Impact: Closing the Loop on Goals and Plans

**how would you measure it?:** Five-year average job placement rate of not less than 75% within twelve months of graduation. Will measure five-year average after Class of 2017 data is available on August 2, 2018.

- Eight of the 31 graduates were not actively seeking employment for various reasons. Reason 1) Not actively seeking. Of the 31 Class of 2016 graduates, eight were recorded as not actively seeking.
- Two graduates failed to communicate with program officials regarding employment status after multiple attempts
- One graduate chose to continue her education
- One graduate chose to continue her career as a Respiratory Therapist
- Three graduates did not obtain their ARRT and/or CRT/Fluoro certification to work in the state of CA
- One graduate chose not to seek employment due to personal issues

Reason 2) Not employed. One of the 31 Class of 2016 graduates responded that he was not able to secure employment within 12 months of graduation. He stated he applied at multiple facilities, including the three facilities he rotated through while enrolled in the program. Based on conversations with this student's clinical instructors, this student had maturity issues. Thus, he was not offered employment at their sites.

### Action Plan:

- Will continue to monitor job placement rate.
- The Program Director will continue to use alternate forms of communication to improve data collection regarding job placement rather than relying solely on emailing surveys. Using personal emails, personal calls, and in-person contact during clinical affiliation visits, a higher response rate was achieved. Although communications efforts were more time consuming, the improved response rate enables the program to collect, analyze, and report more accurate data. Will continue this practice.
- Many employers continue to contact program officials directly to seek graduates that faculty would directly recommend for open positions. This recruitment practice includes employers seeking graduates who are

<i>Unit Goals</i>	<i>Resources Needed</i>	<i>Where We Make an Impact: Closing the Loop on Goals and Plans</i>
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willing to cross train new graduates into advanced modalities.

- o Will reiterate to students the need to maintain contact with program faculty and communicate to faculty if they are still looking for employment.
- o Also, program staff will ensure preferred email addresses for each student are identified/collected for communication efforts
  - Will encourage graduates to join the program FB page to view current job openings. The program continues to use Facebook to communicate with alumni about job openings on a regular basis.
  - Will reiterate to students that the college offers free career placement services to alumni
  - Will continue to stress the importance of relationship building and networking while enrolled as a student. Program officials will continue to communicate to students that many alumni are hired at the sites where they complete their program clinical training. Students need to understand they are responsible for maintaining a positive relationship with clinical staff while training and after they have left the facility. Networking is very important. Often students forget they are being evaluated as a potential employee while they are training. Making a good impression during training is important.
  - Aside from the steps already taken, the program cannot control the job market. However, program officials can control the number of students admitted to the program and will consider decreasing the number of students admitted to the program if the job placement rate falls below the benchmark. At this time, job placement is not an issue.

(04/08/2018)

<p><b>Resources</b> - To secure human, technological, and financial resources to enhance learning and student achievement  <b>Status:</b> Active  <b>Goal Year(s):</b> 2016-17, 2017-18,</p>	<p><b>Completed</b> - Secure Title V funding. This plan will allow the program to continue offering student support services such as tutoring and open lab to enhance learning and student achievement.</p>	<p><b>Reporting Year:</b> 2017-18  <b>% Completed:</b> 100            Implementation of plan is complete. Title V funding was granted for 2017-2018 and used by the RAD Tech program to offer tutoring and open lab services to program students.</p>
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<i>Unit Goals</i>	<i>Resources Needed</i>	<i>Where We Make an Impact: Closing the Loop on Goals and Plans</i>	
<p>2018-19, 2019-20, 2020-21</p> <p><b>Date Goal Entered (Optional):</b> 09/01/2016</p>	<p><b>Lead:</b> Monique Neel</p> <p><b>One-Time Funding Requested (if applicable):</b> 25000</p> <p><b>Planning Unit Priority:</b> High</p> <p><b>What would success look like and how would you measure it?:</b></p> <p>Program completion rate for RAD Tech program students will be at least 75%.</p> <p>75% of RAD Tech program students will access open lab and tutoring services.</p>	<p>The data from the 2017 Title V/ Radiology Cohort report indicates 92% of the Class of 2017 RAD Tech program students used tutoring and/or open lab services meeting the expected outcome and criteria for success.</p> <p>-100% of the students surveyed (18) reported that the open-lab helped them prepare for their tests.</p> <p>- 94% of the 18 students agreed that they would have been less successful in the course without the tutors.</p> <p>The Class of 2017 program completion rate (PCR) was 81% meeting the expected outcome and criteria for success.</p> <p>The implementation of this plan has positively impacted student success. The success is evident in the increased student persistence and PCRs. (04/08/2018)</p>	
		<p><b>Reporting Year:</b> 2016-17</p> <p><b>% Completed:</b> 100</p> <p>Implementation of plan is complete. Title V funding was granted for 2016-2017 and used by the RAD Tech program to offer tutoring and open lab services to program students.</p> <p>The data from the 2016 Title V/ Radiology Cohort report indicates 94% of the Class of 2016 RAD Tech program students used tutoring and/or open lab services meeting the expected outcome and criteria for success.</p> <p>The Class of 2016 program completion rate (PCR) was 81% meeting the expected outcome and criteria for success. The PCR increased from 79% in 2015, and 51% in 2014.</p> <p>The implementation of this plan has positively impacted student success. The success is evident in the increased student persistence and PCRs. (06/14/2017)</p>	<p>: As a result of assessing this plan, the program has confirmed the importance of continuing to provide student support services such as tutoring and open lab. These services have positively impacted student success which is evident in increased student persistence and program completion rates.</p> <p>The program will work on securing Title V grant money in 2017-2018 to continue funding the services. The continual implementation of this plan ensures the department continues to offer an exemplary RAD Tech program that prepares students for success and aligns with college goals #1 and #2. (06/22/2017)</p>

Unit Goals	Resources Needed	Where We Make an Impact: Closing the Loop on Goals and Plans	
	<p><b>Full Funding Requested</b> - Funding to purchase ASRT Fluoroscopy tool (\$625) Secure funding to purchase and add ASRT Fluoroscopy review tool to program student resources. This plan will allow the program to enhance learning and student achievement in the subject of Fluoroscopy.</p> <p><b>Describe Plans &amp; Activities Supported:</b> Secure funding to purchase and add ASRT Fluoroscopy review tool to program student resources. This plan will allow the program to enhance learning and student achievement in the subject of Fluoroscopy.</p> <p><b>Lead:</b> Monique Neel</p> <p><b>One-Time Funding Requested (if applicable):</b> 625</p> <p><b>Type of Request:</b> Instructional Supplies</p> <p><b>Planning Unit Priority:</b> Medium</p> <p><b>What would success look like and how would you measure it?:</b> Increase percent of first time candidates passing the state Fluoroscopy examination to a minimum 5 year average of 90% for program graduates by March 2018.</p>	<p><b>Reporting Year:</b> 2017-18 <b>% Completed:</b> 0 No progress has been made on this plan. Will seek to secure funding for the tool again in 2018-2019. (04/08/2018)</p> <p><b>Related Documents:</b> <a href="#">ASRTFluoroReviewInsVersionQuoteApril2018.pdf</a></p>	
	<p><b>Completed</b> - Secure funding to purchase and add ASRT Digital Imaging review tool to program student resources. This plan will allow the program to enhance learning and student achievement in the subject of Digital Imaging.</p> <p><b>Lead:</b> Monique Neel</p> <p><b>One-Time Funding Requested (if</b></p>	<p><b>Reporting Year:</b> 2017-18 <b>% Completed:</b> 100 4/14/18- Update to 2/1/17 progress Class of 2017 graduates maintained a mean section score of 8 in Section C of the ARRT exam. The Digital Imaging tool proved useful in preparing the Class of 2017 to perform well on the digital section of the credentialing exam.</p>	<p>: As a result of implementing and assessing this plan, we found the ASRT Digital Imaging instructional tool may have led to an increase in the mean section score on Section C of the credentialing exam. The Class of 2016 mean section score for Section C of the credentialing exam increased to</p>

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	<p><b>applicable):</b> 900  <b>Planning Unit Priority:</b> Medium  <b>What would success look like and how would you measure it?:</b> Increase mean section score of at least "8" for Class of 2016 graduates on credentialing exam</p>	<p>Review tool was purchased in Spring 2016 and implemented with Class of 2016. Class of 2016 mean section score for Section C of the credentialing exam increased to 8.1 from 7.9 for Class of 2015. Expected outcome and criteria have been met.  The implementation of this plan will ensure that we continue to offer an exemplary program and that we offer state-of-the-art instructional technology to support to support student success . (04/14/2018)</p>	<p>8.1 from 7.9 for Class of 2015. No other program factors were changed; however, data from one class is not enough to conclude the efficacy of the instructional tool.</p> <p>Will collect data regarding Section C mean section score for the Class of 2017 to determine if the outcome and criteria continue to be met. This data collection requires ongoing "Use of Results." Will follow up on February 2, 2017 (6 mo. post graduation).</p> <p>The implementation of this plan ensures that we continue to offer an exemplary program that prepares students for success and uses state-of-the-art instructional technology. This plan aligns with college goals #1, #7, and #8. (03/01/2017)</p>
	<p><b>Full Funding Requested</b> - funding for expenses: JRCERT workshop/seminar fees, flight, hotel, etc.  Secure funding to attend JRCERT Outcomes Assessment Workshop and Accreditation Seminar. This plan will support faculty participation in professional development to strengthen the programs within the Radiologic Technology Department and student success.  <b>Describe Plans &amp; Activities Supported:</b> Secure funding to attend JRCERT Outcomes Assessment Workshop and Accreditation Seminar. This plan will support</p>	<p><b>Reporting Year:</b> 2017-18  <b>% Completed:</b> 0  No progress has been made on this plan. Will seek to secure funding again in 2018-2019.</p> <p>During the 2016 RT Program Site Visit, the accreditation site inspectors recommended that the program continue refining our Program Assessment Plan even after the previous plan was completely revamped!  In preparation for the program's self study due in 2020, I would like to stress how important it is that I attend a Workshop to ensure our assessment plan meets the expectation of our accrediting agency prior to the self study. I understand the workshops are extremely helpful. As Program Director, I would like to make sure that I present a program assessment plan that is effective and meets the</p>	

<i>Unit Goals</i>	<i>Resources Needed</i>	<i>Where We Make an Impact: Closing the Loop on Goals and Plans</i>
	<p>faculty participation in professional development to strengthen the programs within the Radiologic Technology Department and student success.</p> <p><b>Lead:</b> Monique Neel</p> <p><b>One-Time Funding Requested (if applicable):</b> 2200</p> <p><b>Type of Request:</b> Professional Development</p> <p><b>Planning Unit Priority:</b> Medium</p> <p><b>What would success look like and how would you measure it?:</b>  Program Director will present a program assessment plan for the RAD Tech program that is effective and meets the requirements of the accrediting agency with the program's self study.</p> <p>Program Director will maintain the program's 8 year accreditation as a result of the program's self study.</p> <p><b>Full Funding Requested - Funding for new CR or DR system (approximately \$45,000)</b>  Secure funding to purchase a new CR or DR system to replace the film processing system removed from lab in Spring 2016. This plan will allow the program to provide students with in demand skills through up-to-date, industry-valued, state of the art equipment that enhances learning and student achievement.</p> <p><b>Describe Plans &amp; Activities Supported:</b> Secure funding to purchase a new CR or DR system to replace the film processing system removed from lab in Spring 2016. This plan will allow the program to</p>	<p>requirements. Also, I need to make sure I maintain the program's 8 year accreditation as a result of the program's self study. (04/08/2018)</p> <hr/> <p><b>Reporting Year:</b> 2016-17  <b>% Completed:</b> 0  No progress has been made on this plan. Need to try to secure funding again in 2017-2018. (06/22/2017)</p> <p><b>Reporting Year:</b> 2016-17  <b>% Completed:</b> 0  No progress has been made on this plan. Need to try to secure funding again in 2017-2018 (06/22/2017)</p>

<i>Unit Goals</i>	<i>Resources Needed</i>	<i>Where We Make an Impact: Closing the Loop on Goals and Plans</i>
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provide students with in demand skills through up-to-date, industry-valued, state of the art equipment that enhances learning and student achievement.

**Lead:** Monique Neel  
**One-Time Funding Requested (if applicable):** 45000  
**Type of Request:** Instructional Equipment  
**Planning Unit Priority:** High  
**What would success look like and how would you measure it?:** By Summer 2020  
 - The five year average program completion rate will be at least 80%.

- Employer survey data will indicate that at least 90% of employers "agree" or "strongly agree" that "Overall, the graduate is well prepared to function as a competent entry-level radiologic technologist" on employer surveys.

- Graduate survey data will indicate that at least 90% of graduates "agree" or "strongly agree" that "The laboratory equipment (e.g. phantoms, CR, DR, machines) was adequate to acquire basic skills" and that "The variety of laboratory equipment (e.g. phantoms, equipment, accessories) met student's technical needs."

**Completed -** Secure funding to replace damaged lab equipment and accessories. Need to purchase new CR cassettes (\$4800) and skull phantom (\$6120). This plan will

**Reporting Year:** 2017-18  
**% Completed:** 100  
 4/14/18- Update to 6/14/17 progress  
 No update at this time. The data needed to determine if expected outcomes and criteria for success have been met



<i>Unit Goals</i>	<i>Resources Needed</i>	<i>Where We Make an Impact: Closing the Loop on Goals and Plans</i>
	<p>allow the program to provide students with in demand skills through up-to-date, industry-valued equipment that enhances learning and student achievement.</p> <p><b>Describe Plans &amp; Activities</b></p> <p><b>Supported:</b> Funding of approximately 11,000</p> <p><b>Lead:</b> Monique Neel</p> <p><b>One-Time Funding Requested (if applicable):</b> 11000</p> <p><b>Planning Unit Priority:</b> High</p> <p><b>What would success look like and how would you measure it?:</b> By 2018, the five year average program completion rate will be at least 80%.</p> <p>Class of 2018 graduate survey data will indicate that at least 90% of graduates "agree" or "strongly agree" that "The laboratory equipment (e.g. phantoms, CR, DR, machines) was adequate to acquire basic skills" and that "The variety of laboratory equipment (e.g. phantoms, equipment, accessories) met student's technical needs."</p> <p><b>No Funding Requested</b> - Support from IT department and existing</p>	<p>is not available at this time. This data collection requires ongoing "Use of Results." Will evaluate Class of 2018 survey data and five year average program completion rate in August 2018.</p> <p>Criteria:</p> <ul style="list-style-type: none"> <li>- By 2018, the five year average program completion rate will be at least 80%.</li> <li>- Class of 2018 graduate survey data will indicate that at least 90% of graduates "agree" or "strongly agree" that "The laboratory equipment (e.g. phantoms, CR, DR, machines) was adequate to acquire basic skills" and that "The variety of laboratory equipment (e.g. phantoms, equipment, accessories) met student's technical needs."</li> </ul> <p>6/14/17- Funding was provided and lab equipment/accessories were purchased in Spring 2017. The Class of 2018 began using the equipment in the lab in Spring 2017.</p> <p>The new lab equipment provided students functioning lab equipment that supports student learning and skill application. Working with state of the art equipment in the RAD Tech program's lab courses provides students with a quality experience that mirrors the workplace. Also, students build confidence that they are job ready.</p> <p>The data needed to determine if expected outcomes and criteria for success have been met is not available at this time. This data collection requires ongoing "Use of Results." Will evaluate Class of 2018 survey data and five year average program completion rate in August 2018.</p> <p>The implementation of this plan will ensure that we continue to offer an exemplary program and that we offer state-of-the-art instructional technology to support student success . (06/14/2017)</p> <p><b>Reporting Year:</b> 2017-18</p> <p><b>% Completed:</b> 75</p>

<i>Unit Goals</i>	<i>Resources Needed</i>	<i>Where We Make an Impact: Closing the Loop on Goals and Plans</i>
	<p>technological resources</p> <p><b>Describe Plans &amp; Activities</b></p> <p><b>Supported:</b> Utilize existing technological resources to develop an online program application system. This plan will help the program improve the operational efficiency and effectiveness of the RAD Tech application and admission process</p> <p><b>Lead:</b> Monique Neel</p> <p><b>Planning Unit Priority:</b> High</p> <p><b>What would success look like and how would you measure it?:</b> At least 50% of the online application project will be completed by June 1, 2017</p> <p>- Class of 2020 Graduate Survey Data will indicate that at least 90% of graduates "agree" or "strongly agree" that "The program's online application system was clear and easy to use."</p>	<p>The project was split into three phases and is progressing smoothly. Phase one was completed in Winter 2017. Phase two was completed in Fall 2017. Phase three is scheduled to be completed by Fall 2018.</p> <p>At this point, prospective students can use the APEX system to apply online. This means our the RAD Tech program's application process is 100% paperless. The system allows the student to complete the following: apply to the college while completing the program application, apply to the RAD Tech program, upload and update required documents (CPR card, high school diploma), inquire on their waitlist status, and update contact information. In addition, the counseling course verification process, and all notifications between the program and applicants have been integrated into the system.</p> <p>In the works are the following:</p> <ul style="list-style-type: none"> <li>- making minor modifications to improve processes launched in 2017-2018</li> <li>- adding the ability to submit a program readmission application using the APEX</li> <li>- correcting technical glitches experienced in 2017-2018</li> </ul> <p>Expected outcome of improving operational efficiency and effectiveness of the RAD Tech application and admission process has been met.</p> <p>50% of the project was completed by June 1, 2017 and 85% of the project was completed by March 1, 2018 meeting expected criteria. Will continue to work on the project in 2018-2019.</p> <p>The implementation of this plan will ensure that we continue to offer an exemplary program and that we utilize existing technology and human resources to improve operational efficiency and effectiveness. Also, the online application will improve access to prospective RAD Tech program students and support their pathway to success. (04/14/2018)</p> <p><b>Reporting Year:</b> 2016-17 <b>% Completed:</b> 50</p>
		: As a result of implementing and

<i>Unit Goals</i>	<i>Resources Needed</i>	<i>Where We Make an Impact: Closing the Loop on Goals and Plans</i>	
	<p><b>Full Funding Requested</b> - Funding to purchase Pixie Doll (\$15,000)</p> <p><b>Describe Plans &amp; Activities</b></p> <p><b>Supported:</b> Secure funding to replace damaged pixie doll. Students need the phantom to achieve competency in the positioning skills required in the workplace.</p> <p><b>Lead:</b> Monique Neel</p>	<p>The project was split into three phases and is progressing smoothly. Phase one was completed in Winter 2017. Phase two is in progress and is schedule to be completed in early Fall 2017. Phase three is scheduled for 2017-2018.</p> <p>At this point, prospective students can use the APEX system to apply online. This means our the RAD Tech program's application process is 100% paperless. The system allows the student to complete the following: apply to the college while completing the program application, apply to the RAD Tech program, upload and update required documents (CPR card, high school diploma), inquire on their waitlist status, and update contact information.</p> <p>In the works is integrating the counseling course verification process, and integrating a process that allow students to respond to program inquiries via the APEX.</p> <p>Expected outcome of improving operational efficiency and effectiveness of the RAD Tech application and admission process has been met.</p> <p>50% of the project was completed by June 1, 2017 meeting expected criteria. Will continue to work on the project in 2017-2018.</p> <p>The implementation of this plan will ensure that we continue to offer an exemplary program and that we utilize existing technology and human resources to improve operational efficiency and effectiveness. Also, the online application will improve access to prospective RAD Tech program students and support their pathway to success.</p> <p>(06/14/2017)</p>	<p>assessing this plan, we found that by utilize existing technological resources we were able to develop an online program application system to improve the operational efficiency and effectiveness of the RAD Tech application and admission process.</p> <p>This plan is in line with college goals #1, #8, and #12.</p> <p>(06/14/2017)</p>

*Unit Goals*

*Resources Needed*

*Where We Make an Impact: Closing the Loop on Goals and Plans*

**One-Time Funding Requested (if applicable):** 15000

**Type of Request:** Instructional Equipment

**Planning Unit Priority:** High

**What would success look like and**

**how would you measure it?:** By Summer 2020

- The five year average program completion rate will be at least 80%.

- Employer survey data will indicate that at least 90% of employers "agree" or "strongly agree" that "Overall, the graduate is well prepared to function as a competent entry-level radiologic technologist" on employer surveys.

- Graduate survey data will indicate that at least 90% of graduates "agree" or "strongly agree" that "The variety of laboratory equipment (e.g. phantoms, equipment, accessories) met student's technical needs."

**Full Funding Requested -** Ongoing budget line to fund Licensed Professional II (\$2500 ongoing)

**Describe Plans & Activities**

**Supported:** Replace funding previously provided by Continuing Ed to pay for RNs to assist in Venipuncture training for RAD Tech students. Venipuncture training is required by program's accrediting agency. Four Licensed Professional II are needed to assist the RAD91 instructor in the HCRC each summer (\$2500/year)

*Unit Goals*

*Resources Needed*

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**Lead:** Monique Neel  
**On-Going Funding Requested (if applicable):** 2500  
**Type of Request:** Staffing  
**Planning Unit Priority:** High  
**What would success look like and how would you measure it?:** 100% of the Class of 2020 will successfully earn IV Certification.

**Full Funding Requested -** Funding to pay for program's Professional Experts (\$4000)

**Describe Plans & Activities**

**Supported:** Need funding to replace funding previously provided by the Title V grant to fund the program's professional experts. The professional experts are licensed CRTs who assist students in refining their skills during open lab hours. This resource is extremely valuable to our program students and has proven to increase student retention and student success. (\$4000)

**Lead:** Monique Neel  
**On-Going Funding Requested (if applicable):** 4000  
**Type of Request:** Staffing  
**Planning Unit Priority:** High  
**What would success look like and how would you measure it?:** The program will maintain a 5 year average program completion rate of 85%.

The Class of 2020 survey data will indicate that at least

- 90% of the students who attended open lab report the open-

*Unit Goals*

*Resources Needed*

*Where We Make an Impact: Closing the Loop on Goals and Plans*

lab helped them prepare for their tests.

- 90% of students who attended open lab report they would have been less successful in the lab course without the open lab.

**Full Funding Requested** - Increase in the Program Director's reassigned time

**Describe Plans & Activities**

**Supported:** The number of students in the program and the number of clinical sites needed to support student clinical training requires an increase in reassigned time (RT) to effectively fulfill the Program Director's role. Also, the addition of the two new certificate programs has added a significant load to this role, further impacting the need for increased RT. A request for an increase in the Program Director's RT was submitted in 2015-2016 and again in 2016-2017. A partial increase was granted in 2015-2016 (from 6 to 12LHE); however, the total RT requested (22.5LHE) was not granted. The lack of balance between the time needed to fulfill duties and the hours of RT granted, negatively impacts the Director and the program.

**Lead:** Monique Neel

**Type of Request:** Staffing

**Planning Unit Priority:** High

**What would success look like and how would you measure it?:**

Increased reassigned time from 12 LHE to 22.5 LHE

<i>Unit Goals</i>	<i>Resources Needed</i>	<i>Where We Make an Impact: Closing the Loop on Goals and Plans</i>
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**Cooperation and Collaboration** - To improve cooperation and collaboration with the community, industry partners, other educational institutions, and the various entities across campus.  
**Status:** Active  
**Goal Year(s):** 2016-17, 2017-18, 2018-19, 2019-20, 2020-21  
**Date Goal Entered (Optional):** 09/01/2016

**No Funding Requested** - New working relationships and clinical training opportunities.  
**Describe Plans & Activities Supported:** Reach out to RAD Tech program officials from surrounding educational institutions to establish new working relationships and seek out clinical training opportunities in Computed Tomography and Mammography.  
**Lead:** Paulette Engisch  
**Planning Unit Priority:** Medium  
**What would success look like and how would you measure it?:** The program will establish affiliation agreements with new sites to secure additional clinical placement for at least 5 CT students and 3 Mammography students.

**Reporting Year:** 2017-18  
**% Completed:** 0  
 No progress has been made (04/14/2018)