Santa Rosa Junior College
Program Resource Planning Process

Radiologic Technology 2015

1.1a Mission

Based on the major missions of the college, the faculty of the Radiologic Technology Program at Santa Rosa Junior College is dedicated to facilitating the growth and development of enrolled students in becoming competent entry-level radiologic technologists to function within the healthcare community they serve.
Program Objectives

Program Objectives
The major goals of the Santa Rosa Junior College Radiologic Technology Program are to assist the enrolled students:
- in performing positioning skills with accuracy, utilizing skills in radiation protection, and demonstrating proper equipment handling.
- in utilizing critical thinking in recognizing image quality and adapting to non-routine patients and procedures
- in demonstrating good communication in clinical environment, as well as demonstrating good oral and written communication
- in demonstrating professionalism and understanding of ethical decision making

1.1b Mission Alignment

Our program mission is based on the college mission. Thus, we do believe that it is well aligned with the District's mission. Of the Stratgic plan listed below, the radiologic technology progeram embraces all, but is particularly invested in bulletted points #1, #4 and #5.

Mission

SRJC passionately cultivates learning through the creative, intellectual, physical, social, emotional, aesthetic and ethical development of our diverse community.

• We focus on student learning by preparing students for transfer; **by providing responsive career and technical education**; and by improving students' foundational skills.
• We provide a comprehensive range of student development programs and services that support student success and enrich student lives.
• We support the **economic vitality, social equity and environmental stewardship** of our region.
• We **promote personal and professional growth and cultivate joy at work and in lifelong learning.**
• We foster critical and reflective civic engagement and thoughtful participation in diverse local and global communities.
• We regularly assess, self-reflect, adapt, and continuously improve.

1.1c Description

The program serves the community in training and graduating qualified students to become health care providers in Radiologic Technology.

1.1d Hours of Office Operation and Service by Location

The program's operational hours are mostly 8 - 5 Mondays through Fridays.

The Joint Review Committee in Edcation of Radiologic Technology (JRCERT) defines traditional program hours Monday - Friday within the hours of 5:00 AM through 7:00 PM. The JRCERT will also allow evening and weekend exerience on occasion. No night shift.(JRCERT 1.3)

1.2 Program/Unit Context and Environmental Scan

N/A for Degree programs, transfer major, general education and basic skills.

Regarding CTE certificates, the program has very good relationships with the various health care agencies.

Recent graduates are still finding employment although not always full time. Many have taken part time or per diem positions. Most recent survey indicates that of all graduates from the class of 2013 looking for work, 69% have found at least some work as a radiologic technologist. Per the JRCERT mandate, we will start to track this at 12 rather than 6 months. Also per a JRCERT mandate regarding transparency, we have posted our mission statement, program SLO's and Program Effectiveness data on the Radiologic Technology homepage. The 5 year trend can be found there.

There was no graduatuing class in 2014. Statistics regarding the graduates of 2015 will be available in 2016.

2.1a Budget Needs

Priority 2 2013: (ONGOING)
In 2013, our program is expanded from 32 students system wide to 40 students system wide. Those additional enrolled students will require clinical sites to participate in the clinical portion of the educational program. Additional clinical sites will need to be identified, an affiliation agreement signed, and the accrediting bodies of the JRCERT and the CDPH/RHB must also approve these sites. Initial cost is approximately $400.00 per site, but the yearly renewal costs are covered by Academic Affairs office of the VP as outlined above.

Priority 1 2015:

Our immediate need it to protect the investment that the college has thoughtfully provided with the replacement of computer and software to bring our digital imaging system back to life. Conversation with our IT in house, as well as vendor support identifies preventative maintenance as the culprit for failure of the previous system after only 5 years. Based on this, I am requesting budget sufficient for a service contract to allow updates and preventative maintenance. This may take the form of an extension of the yearly warranty. Vendors have told me that the fee for this contract decreases by 10% each additional year. Please see section 2.1b for further explanation.

Priority 2 2015:

With the upgrade of computers in the HLRC, many of the resources that were installed are no longer available. We need to be on the lookout for relevant computer based resources in the field of radiollogy, radiographic physics, ultrasound and quality control. This is a low priority, but necessary to offer students a fundamental background in the correlation of imaging.

Radiologic Technology - FY 2013-14

2.1 Fiscal Year Expenditures

Santa Rosa Campus

Expenditure Category	Unrestricted Funds	Change from 2012-13	Restricted Funds	Change from 2012-13	Total	Change from 2012-13
Faculty payroll	$72,288.20	7.77%	$0.00	0.00%	$72,288.20	7.77%
Adjunct payroll	$90,687.81	3.56%	$0.00	0.00%	$90,687.81	3.56%
Classified payroll	$0.00	0.00%	$0.00	0.00%	$0.00	0.00%
STNC payroll	$0.00	0.00%	$0.00	0.00%	$0.00	0.00%
Student payroll	$0.00	0.00%	$0.00	0.00%	$0.00	0.00%
Management payroll (and Dept Chairs)	$0.00	0.00%	$0.00	0.00%	$0.00	0.00%
Benefits (3000's)	$40,453.79	8.52%	$0.00	0.00%	$40,453.79	8.52%
Supplies (4000's)	$1,811.94	110.11%	$0.00	0.00%	$1,811.94	110.11%
Services (5000's)	$2,092.33	47.95%	$0.00	0.00%	$2,092.33	47.95%
Equipment (6000's)	$0.00	0.00%	$1,558.00	0.00%	$1,558.00	0.00%
Total Expenditures	**$207,334.07**	**6.77%**	**$1,558.00**	**0.00%**	**$208,892.07**	**7.57%**

Expenditure Totals

Expenditure Category	Amount	Change from 2012-13	District Total	% of District Total
Total Expenditures	$208,892.07	6.76%	$120,253,860.49	0.17%
Total Faculty Payroll	$162,976.01	4.47%	$43,245,546.66	0.38%
Total Classified Payroll	$0.00	0.00%	$19,181,736.44	0.00%
Total Management Payroll	$0.00	0.00%	$8,511,170.13	0.00%
Total Salary/Benefits Costs	$203,429.80	5.20%	$90,311,305.65	0.23%
Total Non-Personnel Costs	$5,462.27	139.93%	$15,816,837.66	0.03%

2.1b Budget Requests

Rank	Location	SP	M	Amount	Brief Rationale
0001	Santa Rosa	04	01	$750.00	Annual X-ray room annual radiation safety and performance check to be accomplished yearly per State of CA mandate.
0002	Santa Rosa	04	07	$700.00	I am including an ongoing budget for a service contract to protect the investment of our new PACS installation in an effort to mitigate the problem that hastened it's replacement this past year.
0003	Santa Rosa	04	07	$1,000.00	I am including an ongoing budget for a service contract to protect the investment of our new Digital x-ray processing installation in an effort to mitigate the problem that hastened it's replacement this past year.
0004	Santa Rosa	08	05	$2,500.00	Faculty logged 1700 miles to participate in student site visits last semester. Based on the college compensation for mileage @ .575, I am requesting $2500 to compensate for mileage. This is distributed $1000 fall and spring then $500 for summer 8 week semester.
0005	Santa Rosa	04	06	$10,000.00	Conversion of room 4046 into a simulation positioning classroom. Our program is impacted with 20 student's vying for sufficient positioning practice time in a lab environment. This is aggravated by having only one piece of equipment available. A second installation will enhance student availability for radiographic positioning practice and scheduling.
0006	Santa Rosa	03	05	$800.00	Two additional clinical sites are required to ensure enough placements for student clinical education. We have lost one clinical site because of hospital closure and 2 others have lessened the number of students that they are willing to accept per semester.
0007	Santa Rosa	02	06	$1,000.00	Discretionary finds to upgrade software and resources in the areas of radiographic physics, ultrasound and quality control.

2.2a Current Classifed Positions

Position	Hr/Wk	Mo/Yr	Job Duties
None needed	0.00	0.00	

2.2b Current Management/Confidential Positions

Position	Hr/Wk	Mo/Yr	Job Duties
None needed	0.00	0.00	

2.2c Current STNC/Student Worker Positions

Position	Hr/Wk	Mo/Yr	Job Duties
Student Workers	0.00	0.00	The radiologic technology program is grateful to share the existing student workers in health sciences cluster.

2.2d Adequacy and Effectiveness of Staffing

Our program ratio and statistics are low as compared to the district-wide range.
A f/t Clinical Coordinator is requested to accommodate the increase the size of the incoming class from 16 to 20 students. This is intensified by having the two classes of students in the

clinical site on different days, not at the same time. The end result is 2 trips to the clinical site rather than just one. Our clinical sites are spread out geographically from Novato to Willits and east to Napa.

Currently, we are adequately staffed in the clerical and administrative areas.

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2.2 Fiscal Year Employee Data and Calculations

Employee Head Counts

Employee Category	Count	Change from 2012-13	District Total	% of District Total
Contract Faculty	1	0.00%	277	0.36%
Adjunct Faculty	7	-12.50%	1351	0.52%
Classified Staff	0	0.00%	490	0.00%
STNC Workers	0	0.00%	458	0.00%
Student Workers	0	0.00%	610	0.00%
Mgmt/Admin/Dept Chair	0	0.00%	144	0.00%

Employee FTE Totals

FTE Category	FTE	Change from 2012-13	District Total	% of District Total
FTE-F - Faculty	3.4547	-9.26%	679.6236	0.51%
FTE-CF - Contract Faculty	1.0000	0.00%	274.8500	0.36%
FTE-AF - Adjunct Faculty	2.4547	-12.56%	404.7736	0.61%
FTE-C - Classified	0.0000	0.00%	407.3756	0.00%
FTE-ST - STNC	0.0000	0.00%	63.8460	0.00%
FTE-SS - Support Staff	0.0000	0.00%	647.5458	0.00%
FTE-SW - Student Workers	0.0000	0.00%	176.3242	0.00%
FTE-M - Management	0.0000	0.00%	114.8000	0.00%
FTE-DC - Department Chairs	0.0000	0.00%	50.0000	0.00%

Student Data

Data Element	Value	Change from 2012-13	District Total	% of District Total
FTES-CR - Credit	50.8189	-32.67%	16276.6188	0.31%
FTES-NC - Non-Credit	0.0000	0.00%	2028.0819	0.00%
FTES - combined	50.8189	-32.67%	18304.7007	0.28%
Students Enrolled/Served	434	23.65%	30000	1.45%

Calculations

Data Element	Value	Change from 2012-13	District Total	% of District Total
FTE-S : FTE-F	14.7101	-25.80%	26.9336	54.62%
FTE-AF : FTE-CF	2.4547	-12.56%	1.4727	166.68%
FTE-F : FTE-SS	0.0000	0.00%	1.0495	0.00%
FTE-F : FTE-M	0.0000	0.00%	5.9201	0.00%
FTE-SS : FTE-M	0.0000	0.00%	5.6406	0.00%
FTE-ST : FTE-C	0.0000	0.00%	0.1567	0.00%
Average Faculty Salary per FTE-F	$47,175.30	15.14%	$63,631.61	74.14%
Average Classified Salary per FTE-C	$0.00	0.00%	$47,086.12	0.00%
Average Management Salary per FTE-M	$0.00	0.00%	$74,139.11	0.00%
Salary/Benefit costs as a % of total budget	97.39%	-1.47%	75.10%	129.67%
Non-Personnel $ as a % of total budget	2.61%	124.73%	13.15%	19.88%
Restricted Funds as a % of total budget	0.75%	0.00%	11.75%	6.35%
Total Unit Cost per FTE-F	$60,466.24	17.66%	$176,941.86	34.17%
Total Unit Cost per FTE-C	$0.00	0.00%	$295,191.61	0.00%
Total Unit Cost per FTE-M	$0.00	0.00%	$1,047,507.50	0.00%

Total Unit Cost per FTE-S	$4,110.52	58.58%	$6,569.56	62.57%
Total Unit Cost per student served/enrolled	$481.32	-13.65%	$4,008.46	12.01%

2.2e Classified, STNC, Management Staffing Requests

Rank	Location	SP	M	Current Title	Proposed Title	Type
0000	Santa Rosa	00	00	none	none at this time	Classified

2.3a Current Contract Faculty Positions

Position	Description
FT faculty position	The current full time position has release time for program coordination.

2.3b Full-Time and Part-Time Ratios

Discipline	FTEF Reg	% Reg Load	FTEF Adj	% Adj Load	Description
Radiologic Technology	1.0000	36.0000	2.4500	61.0000	There are no full time coordinator/instructor in the program with the exception of the program director

2.3c Faculty Within Retirement Range

Of the core radiologic technology faculty, the program director and two instructor (adjunct) are within retirement age.

2.3d Analysis of Faculty Staffing Needs and Rationale to Support Requests

While it is fairly difficult to recruit for PT teaching position, it will be very difficult to recruit master's degree prepared faculty in our discipline, particularly to replace the program director position.

With our program once again at full capacity, it is obvious that additional clinical coordinator time or positions will become necessary. Although we have 5 adjunct faculty and all can function in the clinical coordinator capacity, these faculty have other jobs that preclude them from robust participation for SRJC activities The minimum qualifications for clinical coordinator include a baccalaureate degree, experience in supervision and curriculum design, 2 years clinical experience and certification in the professional discipline. (JRCERT standards 2.2, 3.8, 6.3)

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2.3a Contract Faculty Positions Employees paid from a Contract Faculty OBJECT code

Name Last	First	Position	Hours	HR FTE	DM FTE
Lehrer	Richard	Faculty	0.00	1.0000	0.0000
Totals			**0.00**	**1.0000**	**0.0000**

2.3b Adjunct Faculty Positions Employees paid from an Adjunct Faculty OBJECT code

Name Last	First	Position	Hours	FTE
Diehl	Keith		140.50	0.1333
Garcia	Diane		76.50	0.0000
Lehrer	Richard		47.20	0.8142
McLarty	Christine		34.64	0.1320
Patterson	Bonnie		238.50	0.6603
Robertson	Joanne		521.50	0.7149
Shelley	Janet		6.00	0.0000
Totals			**1064.84**	**2.4547**

2.3e Faculty Staffing Requests

Rank	Location	SP	M	Discipline	SLO Assessment Rationale
0001	ALL	01	05	Clinical Coordinator - see 2.2d and 2.3d	As radiologic technology accepts a second cohort and once again comes up to a full complement of students, a full time clinical coordinator position is sought. We will have 40 students program wide in hospital and clinical assignments from Novato all the way to Willits. The ability to evaluate every student in their assigned clinical site once per month at minimum has become difficult given the wide geographic distance between sites, the total number of students requiring that interaction, and that the students are not all in their clinical sites every day of the week. First year students alternate days with second year students. In an effort to adequately evaluate the student's familiarity with the listed SLO's, and to provide remediation to those who may require it, a full time clinical coordinator is necessary to provide student support in the clinical site and on campus. The f/t faculty will be more efficient that the 3-4 adjunct faculty fulfilling the responsibility now. Student Learning Outcomes: 1. Operate radiographic imaging equipment and accessory devices. 2. Position patients and modify standard procedures to accommodate for patient condition exposure factors. 3. Perform radiographic examination and procedures with minimum radiation exposure for the patient, self, and others.

2.4b Rational for Instructional and Non-Instructional Equipment, Technology, and Software

Priority item 1.
Maintain service contract for PACS xray reader.

Priority item 2.
Maintain service contract for digital xray reader.

Priority item 3.
Classroom 4046 (Race) is an awkward space, but has close proximity to the x-ray lab. This space as it presently exists is under-utilized by radiologic technology and other health science programs. The installation of a non-energized x-ray unit in this space would alleviate 2 problems for radiologic technology; student access and scheduling. The availability of a second positioning practice installation would allow twice the number of students to practice at the same time as well as allow longer practice time. Additionally, with this increased availability, scheduling of x-ray practice can be done in the same afternoon when the lecture from that morning is still fresh rather than the next week.

Priority item 4.
With the advances in technology in the workplace it is imperative that we teach our students using the latest equipment. Mobile digital fluoroscopy and Mobile x-ray units are commonly used in hospitals and clinical settings.

2.4c Instructional Equipment and Software Requests

Rank	Location	SP	M	Item Description	Qty	Cost Each	Total Cost	Requestor	Room/Space	Contact
0001	Santa Rosa	04	07	Maintain service contract for PACS xray reader.	1	$700.00	$700.00	Rich Lehrer	4047	Rich Lehrer
0002	Santa Rosa	04	07	Maintain service contract for digital xray reader.	1	$1,000.00	$1,000.00	Rich Lehrer	4047	Rich Lehrer
0003	Santa Rosa	04	06	Upgrade classroom 4046	1	$10,000.00	$10,000.00	Rich Lehrer	4074	Rich Lehrer
0004	Santa Rosa	04	06	Mobile Digital Fluroscopy	1	$50,000.00	$50,000.00	Rich Lehrer	4074	Rich Lehrer

2.4d Non-Instructional Equipment, Software, and Technology Requests

Rank	Location	SP	M	Item Description	Qty	Cost Each	Total Cost	Requestor	Room/Space	Contact
0001	Santa Rosa	02	07	Desktop computer optiplex 3020 + monitor	1	$0.00	$0.00	Rich Lehrer	4074	Rich Lehrer

2.5a Minor Facilities Requests

Rank	Location	SP	M	Time Frame	Building	Room Number	Est. Cost	Description

2.5b Analysis of Existing Facilities

The existing building is small for the needs of ALL the health sciences building; however, adjacency is very important for the programs.

3.1 Develop Financial Resources

Radiologic Technology has not actively applied for grants, but the availability of the CEA mini-grants has been evaluated to determine whether radiologic technology would qualify.

3.2 Serve our Diverse Communities

The faculty represents a great deal of diversity that reflects the college community of interest. Faculty have experience in the majority of the medical imaging disciplines; CT, MRI, radiation therapy, diagnostic imaging, mammography and fluoroscopy. Additionally, we have faculty who have experience supervising employees in these areas. Presently, we do not have faculty versed in sonography nor nuclear medicine. Faculty with experience in these areas would be a welcome resource. The program continues to try to locate and recruit current graduates or others who might be interested in teaching.

3.3 Cultivate a Healthy Organization

The FT faculty of the program is doing his best to support, coach, and encourage faculty members to participate in professional development activities. The program director periodically disseminates educational and professional conference announcements to faculty.

3.4 Safety and Emergency Preparedness

Mary Kennedy and Rich Lehrer are identified as building safety coordinators.
The second year class participated in a safety drill in nthe spring of 2014 on exiting the building in case of a disaster.

3.5 Establish a Culture of Sustainability

The primary faculty communication tool between faculty and students has become e-mail. Student records are scanned and electronically archived rather than copying paper documents to be archived. Additionally PowerPoint presentations can be electronically sent to students eliminating the necessity of print copies. The use of laptop and tablet computers in our classroom courses is advocated. Finally, most faculty use SRJC computer CATE and Moodle for testing and grading archives.

4.1a Course Student Learning Outcomes Assessment

All Rad Tech courses have been updated and approved by the Curriculum Review Committe within the past 6 years as per policy. These revisions are triggered by the accrediting agency and the State of California Public Health Department and reflect current trends in our industry.

1. Adapt and use this template for department tracking of SLO assessment and augmenting the SLO Assessment section of the PRPP.
2. Indicate which SLOs were assessed ("all," "#1,3,4," etc.)
3. Add columns with department-specific information if needed (method of assessment, comments on results, etc.)
4. If participating faculty have not yet been identified for an SLO assessment, write "TBA" and enter names later.
5. For "Year of Next Assessment," keep in mind that the required cycle of formal assessment is every 6 years, but some courses may require more immediate follow-up or more frequent assessment based on the results.

Course	SLO #s	Participating Faculty	Semester Initiated or to Be Initiated	Semester Completed	Comments	Year of Next Assessment
RT 60	1 & 3	Lehrer, Robertson	F 2013	F 2013		2019
RT 61A	all	Lehrer	F 2013	F 2013		2019
RT 61B	1 & 4	Robertson	S 2014	S 2014		2020
RT 61C	1 & 4	Lehrer	X 2014	X 2014		2020
RT 63A	2 & 3	Diehl	S 2014	S 2014	Change SLO 1 to eliminate film based model	2020
RT 63B	all	Diehl	F 2012	F 2012		2018
RT 64	all	Patterson	F 2013	F 2013		2019
RT 64L	All	Patterson	F 2013	F 2013		2019
RT 65	1, 2, 3	Patterson, Lehrer	S 2013	S 2013		2019
RT 66	3 & 4	Lehrer	S 2013	S 2013		2019
RT 68	1 & 2	Lehrer	X 2013	X 2013		2019

RT 61.1 AL	1	Lehrer	F 2013	F 2013		2019
RT 61 BL	1, 2, 3	Lehrer	S 2014	S 2014		
RT 61 CL	1, 2, 3	Lehrer	X 2014	X 2014		2020
RT 62 AL	1, 2, 3	Lehrer	F 2012	F 2012		2018
RT 62 BL	1, 2, 3	Lehrer	S 2013	S 2013		2019
RT 62 CL	1 & 2	Lehrer	X 2013	X 2013	Will start to track clinical evaluation for student organization X 2015	2015
RT 98	all	Patterson, Lehrer	F 2014	F 2014		2019
RT 100	all	McLarty	S 2013	S 2013		2019

4.1b Program Student Learning Outcomes Assessment

Our students are learning didactically and clinically. Didactically, students are mostly served with all available modes of learning (sensory, lecture sessions, lab activities, and library like learning environment). Clinically, our students are gaining their hands-on experience at the local hospitals and clinics. Every semester, student learning outcomes are assessed with evaluation tools made available to health care providers in the community.

In addition, the program is under a constant assessment plan that evaluates whether the program is efficient in its teaching by assessing the outcomes of its students. This activity is completed by the employers and other members of the community of interest. Indeed, the results of this assessment plan helps identify areas of improvement. As the program has recently changed program directors, a decision was made not to change any benchmarks until at least one class matriculated through graduation (X2015), and review the statistics at that time. The program director supports this conservative approach

4.1c Student Learning Outcomes Reporting

Type	Name	Student Assessment Implemented	Assessment Results Analyzed	Change Implemented
Course	Rad T 100	Spring 2013	Spring 2013	N/A
Course	Rad T 60	Fall 2013	Fall 2013	N/A
Course	Rad T 61.1 AL	Fall 2013	Fall 2013	N/A
Course	Rad T 61A	Fall 2013	Fall 2013	N/A
Course	Rad T 61B	Spring 2014	Spring 2014	N/A
Course	Rad T 61BL	Spring 2014	Spring 2014	N/A
Course	Rad T 61C	Summer 2014	Summer 2014	N/A
Course	Rad T 61CL	Summer 2014	Summer 2014	N/A
Course	Rad T 62AL	Fall 2012	Fall 2012	N/A
Course	Rad T 62BL	Spring 2013	Spring 2013	N/A
Course	Rad T 62CL	Summer 2013	Summer 2013	Summer 2015
Course	Rad T 63A	Spring 2014	Spring 2014	Spring 2015
Course	Rad T 63B	Fall 2012	Fall 2012	N/A
Course	Rad T 64	Fall 2013	Fall 2013	N/A
Course	Rad T 64L	Fall 2013	Fall 2013	N/A
Course	Rad T 65	Spring 2013	Spring 2013	N/A
Course	Rad T 66	Spring 2013	Spring 2013	N/A
Course	Rad T 68	Summer 2013	Summer 2013	N/A
Certificate/Major	Radiologic Technology	Summer 2014	Summer 2014	N/A

4.2a Key Courses or Services that address Institutional Outcomes

Course/Service	1a	1b	1c	2a	2b	2c	2d	3a	3b	4a	4b	5	6a	6b	6c	7
All clinical Rad T courses	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

4.2b Narrative (Optional)

The performance of radiographic procedures requires the synthesis of the district institutional learning outcomes. In response to the college mandate for reviewing and reporting SLO's, Radiologic Technology is completely compliant with all courses as of this date. Additionally the certificate/major assessment was also filed in 2014.

5.0 Performance Measures

The program has NOT met all benchmarks of itsmost recent asessment plan, and this is arttributed to both the transition from the previous to the present program director, as well as only having one cohort for the past 2 years. This assessment is conducted on an annual basis. The assessment to be completed and evaluated in the Summer of 2015 for the 2013-2014 academic year should be representative of the present status of our program under the leadership of the current program director.

I have attached the most recent assessment and program effectiveness data below.

Santa Rosa Junior College Radiologic Technology Assessment Plan Student Learning Outcomes
2013-14

Program Goal 1: Students will be **clinically competent**.

OUTCOME 1.1	Measurement Tool	Student Benchmark	Assessment Frequency	Responsible Authors
Students will perform positioning skills with accuracy	Area E of the clinical evaluation form	Students will receive an average ≥ **8.5** on the scale of 7.5 to 10.	- End of the 3rd semester - End of the 6th semester	- Clinical instructors and staff

Outcome 1.1	***Results***	***Comments/Action Plan***
Area E	*9.41 average overall*	*Benchmark met* *Continue to monitor as current 2nd year class progresses. Faculty is reluctant to make changes in the benchmark until at least one class matriculates to graduation under the new program directors administration.*

OUTCOME 1.2	Measurement Tool 1	Student Benchmark	Assessment Frequency	Responsible Authors
Students will utilize skills in radiation protection	Area H of the clinical evaluation form	Students will receive an average ≥ **8.5** on the scale of 7.5 to 10.	- End of the 3rd semester - End of the 6th semester	- Clinical instructors and staff

Outcome 1.2 - Tool 1	***Results***	***Comments/Action Plan***
Area H	*9.84 average overall*	*Benchmark met* *Continue to monitor as current 2nd year class progresses. Faculty is reluctant to make changes in the benchmark until at least one class matriculates to graduation under the new program directors administration.*

OUTCOME 1.2	Measurement Tool 2	Student Benchmark	Assessment Frequency	Responsible Authors
Students will utilize skills in radiation protection	Practical final evaluation form	85% of students will receive a 2 score on the scale of 0 to 4 scale.	End of the 3rd semester	RT 61 A, B, C instructors

Outcome 1.2 – Tool 2	***Results***		***Comments/Action Plan***	
RADT 61C	*94.1% average overall*		*Benchmark met* *Continue to monitor as current 2nd year class progresses. Faculty is reluctant to make changes in the benchmark until at least one class matriculates to graduation under the new program directors administration.*	

OUTCOME 1.3	**Measurement Tool**	**Student Benchmark**	**Assessment Frequency**	**Responsible Authors**
Students will demonstrate proper equipment handling	Area D of the clinical evaluation form	Students will receive an average ≥ **8.5** on the scale of 7.5 to 10.	- End of the 3rd semester - End of the 6th semester	- Clinical instructors and staff

Outcome 1.3	***Results***	***Comments/Action Plan***
Area D	*9.63 average overall*	*Benchmark met* *Continue to monitor as current 2nd year class progresses. Faculty is reluctant to make changes in the benchmark until at least one class matriculates to graduation under the new program directors administration.*

Program Goal 2: Students will demonstrate **critical thinking and adaptability**.

OUTCOME	Measurement Tool	Student Benchmark	Frequency	Responsible Authors
2.1: Students will utilize critical thinking in recognizing image quality	Area F of the clinical evaluation form.	Students will receive an average ≥ **8.5** on the scale of 7.5 to 10.	- End of 3rd semester - End of the 6th semester	Clinical instructors and staff
2.1: Students will utilize critical thinking in recognizing image quality	Radiation Physics lab final exam	An average rating of **85%** in all students evaluations.	- End of the 2nd semester	Rad Tech Instructor

Outcome 2.1- Tool 1	***Results***	***Comments/Action Plan***
Area F	*9.46 average overall*	*Benchmark met* *Continue to monitor as current 2nd year class progresses. Faculty is reluctant to make changes in the benchmark until at least one class matriculates to graduation under the new program directors administration.*

Outcome 2.1- Tool 2	***Results***	***Comments/Action Plan***
RADT 63A section 5815	*90% overall – 18 students*	*Benchmark met* *Continue to monitor as current 2nd year class progresses. Faculty is reluctant to make changes in the benchmark until at least one class matriculates to graduation under the new program directors administration.*

OUTCOME 2.2	Measurement Tool	Student Benchmark	Assessment Frequency	Responsible Authors
2.2: Students will adapt to non-routine patients.	Area I of the clinical evaluation form.	Students will receive an average ≥ **8.5** on the scale of 7.5 to 10.	- End of the 3rd semester - End of the 6th semester	- Clinical instructors and staff

Outcome 2.2	***Results***	***Comments/Action Plan***
Area I	*9.69 average overall*	*Benchmark met* *Continue to monitor as current 2nd year class progresses. Faculty is reluctant to make changes in the benchmark until at least one class matriculates to graduation under the new program directors administration.*

Program Goal 3: Students will **communicate effectively**.

OUTCOME	Measurement Tool	Student Benchmark	Frequency	Responsibility Authors
Outcome 3.1	***Results***		***Comments/Action Plan***	
OUTCOME 3.1: Students will demonstrate good **oral** communication in the clinical environment.	Oral communication grading of the classes' projects	- Students will receive an average ≥ **8.5** on the scale of 7.5 to 10.	- End of 3rd semester - End of 4th semester - End of the 5th semester	- Clinical instructor and staff - RT 63B instructor - RT 65 instructor
Area B	*9.72 average overall*		*Benchmark met. Continue to monitor as current 2nd year class progresses. Faculty is reluctant to make changes in the benchmark until at least one class matriculates to graduation under the new program directors administration.*	
Outcome 3.2				***No second year cohort***

OUTCOME	Measurement Tool	Student Benchmark	Frequency	Responsibility Authors
- 3.3: Students will demonstrate good **written** communication.	Written communication grading of the classes' projects	- Students will receive an average ≥ **8.5** on the scale of 7.5 to 10.	- End of 4th semester - End of the 5th semester	- RT 63B instructor - RT 65 instructor
Outcome 3.3				***No second year cohort***

-

Outcome 3.3	*Results*	*Comments/Action Plan*
RADT 63B written project RADT 65 written project		***No second year cohort***

Program Goal 4: Students will exhibit **professionalism and ethics.**

OUTCOME	Measurement Tool	Student Benchmark	Frequency	Responsibility Authors
- 4.1: Students will demonstrate professionalism.	Area C of the clinical evaluation form.	-Students will receive an average ≥ **8.5** on the scale of 7.5 to 10.	- End of 3rd semester - End of the 6th semester	- Clinical instructor and staff

Outcome 4.1	***Results***	***Comments/Action Plan***
Area C	*9.78 average overall*	*Benchmark met* *Continue to monitor as current 2nd year class progresses. Faculty is reluctant to make changes in the benchmark until at least one class matriculates to graduation under the new program directors administration.*

OUTCOME	Measurement Tools	Student Benchmark	Frequency	Responsibility Authors
- 4.2: Students will demonstrate understanding of ethical decision making.	- Tool 1 = Ethics Test - Tool 2 = Grading evaluation of the Ethics component in classes' project evaluations	- 85% of students will pass the Ethics quiz - Students will receive an average ≥ **8.5** on the scale of 7.5 to 10.	- Annually - Annually	- RT 60 instructor - RT 64 instructor

Outcome 4.2 – Tool 1	***Results***	***Comments/Action Plan***
RADT 60	*100% of students achieved a passing score* *Class average = 95%*	*Benchmark met* *Continue to monitor as current 2nd year class progresses.* *Faculty is reluctant to make changes in the benchmark until at least one class matriculates to graduation under the new program directors administration.*

Outcome 4.2 – Tool 2	***Results***	***Comments/Action Plan***
RADT 64 Section 1817	*9.2 average overall*	*Benchmark met* *Continue to monitor as current 2nd year class progresses.* *Faculty is reluctant to make changes in the benchmark until at least one class matriculates to graduation under the new program directors administration.*

Santa Rosa Junior College Radiologic Technology Assessment Plan
Program Effectiveness Measures
2013 – 2014

Program Goal: To maintain the program effectiveness by reaching benchmarks set in these areas: completion and pass rates, employment rates, and employer satisfaction.

OUTCOME	Measurement Tool	Program Benchmark	Frequency	Responsibility Area
1: Consistent and acceptable completion rate.	Completion rate results	The program will graduate at least 80% of its students.	Annually at graduation	Program director

Outcome 1	Results	Comments/Action Plan
Class of 2012-2014		***No second year cohort – No graduates***

OUTCOME	Measurement Tool	Program Benchmark	Frequency	Responsibility Area
2: Graduates will pass the credentialing exam.	ARRT exam results	85% of program graduates will pass on the first attempt.	Annually	Program director

Outcome 2	Results	Comments/Action Plan
Class of 2012 - 2014		***No second year cohort – No graduates***

OUTCOME	Measurement Tool	Program Benchmark	Frequency	Responsibility Area
3: Graduates will pass credentialing exam at or above national average.	ARRT exam scores	ARRT exam score will be 2 points above the national average.	Annually	Program director

Outcome 3	Results	Comments/Action Plan
Class of 2012-2014		***No second year cohort – No graduates***

OUTCOME	Measurement Tool	Program Benchmark	Frequency	Responsibility Area
4: Graduates will become employed within 6 months of after graduation (5-year average).	Graduate survey results (Question # 2)	Of those seeking employment, 75% of program graduates will become employed within 6 months after graduation.	Annually for 5 years	Program director Benchmark changed effective 2013 to within 12 months.

Outcome 4	Results	Comments/Action Plan
6 month employment		***No second year cohort – No graduates***

OUTCOME	Measurement Tool	Program Benchmark	Frequency	Responsibility Area
5: Graduates will be satisfied with their education.	Graduate Survey	{{Scores will average to 2.5 on a 3-point scale.}} 83.3% of employers will be satisfied with graduate employees education	Annually	Program director {{2013 changed to 5 point scale}}

Outcome 5	Results	Comments/Action Plan
2014 graduate satisfaction		***No second year cohort – No graduates***

OUTCOME	Measurement Tool	Program Benchmark	Frequency	Responsibility Area
6: Employers will be satisfied with their employees' education.	Employer survey	{{Scores will average to 2.5 on a 3-point scale.}} 83.3% of employers will be satisfied with graduate employees education	Annually	Program director {{2013 changed to 5 point scale}}

Outcome 6	Results	Comments/Action Plan
2014 employer survey		***No second year cohort – No graduates***

5.1 Effective Class Schedule: Course Offerings, Times, Locations, and Delivery Modes (annual)

The program is effective in its course offerings in terms of location and times. The program director has modified the schedule to regiment the first year and second year students to specific days on campus, and in clinical so that they do not compete with one another. This has also required modifying the timeframe when classes are scheduled with a goal of offering classes in the Race Building. This effort continues...

5.2a Enrollment Efficiency

Radiologic Technology - FY 2013-14 (plus current FY Summer and Fall)

5.1 Student Headcounts The number of students enrolled in each Discipline at first census (duplicated headcount).

Santa Rosa Campus

Discipline	X2011	F2011	S2012	X2012	F2012	S2013	X2013	F2013	S2014	X2014	F2014	S2015
Radiologic Technology	31	141	181	54	28	141	21	139	134	65	164	

Petaluma Campus (Includes Rohnert Park and Sonoma)

Discipline	X2011	F2011	S2012	X2012	F2012	S2013	X2013	F2013	S2014	X2014	F2014	S2015
Radiologic Technology	0	0	0	0	0	0	0	0	0	0	0	

Other Locations (Includes the PSTC, Windsor, and other locations)

Discipline	X2011	F2011	S2012	X2012	F2012	S2013	X2013	F2013	S2014	X2014	F2014	S2015
Radiologic Technology	44	32	34	34	32	15	14	25	18	16	35	

ALL Locations (Combined totals from ALL locations in the District)

Discipline	X2011	F2011	S2012	X2012	F2012	S2013	X2013	F2013	S2014	X2014	F2014	S2015
Radiologic Technology	75	173	215	88	60	156	35	164	152	81	199	

5.2a Enrollment Efficiency The percentage of seats filled in each Discipline at first census based on class limit (not room size).

Santa Rosa Campus

Discipline	X2011	F2011	S2012	X2012	F2012	S2013	X2013	F2013	S2014	X2014	F2014	S2015
Radiologic Technology	76.9%	94.7%	94.3%	86.7%	94.1%	106.6%	100.0%	111.2%	89.3%	95.6%	105.5%	

Petaluma Campus (Includes Rohnert Park and Sonoma)

Discipline	X2011	F2011	S2012	X2012	F2012	S2013	X2013	F2013	S2014	X2014	F2014	S2015
Radiologic Technology	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	

Other Locations (Includes the PSTC, Windsor, and other locations)

Discipline	X2011	F2011	S2012	X2012	F2012	S2013	X2013	F2013	S2014	X2014	F2014	S2015
Radiologic Technology	73.3%	86.5%	81.0%	87.2%	94.1%	93.8%	87.5%	30.1%	45.0%	100.0%	90.0%	

ALL Locations (Combined totals from ALL locations in the District)

Discipline	X2011	F2011	S2012	X2012	F2012	S2013	X2013	F2013	S2014	X2014	F2014	S2015
Radiologic Technology	74.7%	92.9%	91.7%	86.9%	94.1%	105.1%	93.8%	78.8%	80.0%	96.4%	102.2%	

5.2b Average Class Size

The program's class size is limited to no more than 20. 20 students did start at the beginning of both academic years 2013-2014, and 2014-2015

Radiologic Technology - FY 2013-14 (plus current FY Summer and Fall)

5.2b Average Class Size The average class size in each Discipline at first census (excludes cancelled classes).

Santa Rosa Campus

Discipline	X2011	F2011	S2012	X2012	F2012	S2013	X2013	F2013	S2014	X2014	F2014	S2015
Radiologic Technology	15.0	20.8	27.3	17.3	16.0	32.5	16.0	23.2	26.8	21.7	21.9	

Petaluma Campus (Includes Rohnert Park and Sonoma)

Discipline	X2011	F2011	S2012	X2012	F2012	S2013	X2013	F2013	S2014	X2014	F2014	S2015
Radiologic Technology	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	

Other Locations (Includes the PSTC, Windsor, and other locations)

Discipline	X2011	F2011	S2012	X2012	F2012	S2013	X2013	F2013	S2014	X2014	F2014	S2015
Radiologic Technology	14.7	16.0	17.0	17.0	16.0	15.0	14.0	6.3	9.0	16.0	18.0	

ALL Locations (Combined totals from ALL locations in the District)

Discipline	X2011	F2011	S2012	X2012	F2012	S2013	X2013	F2013	S2014	X2014	F2014	S2015
Radiologic Technology	14.8	19.6	24.8	17.2	16.0	29.0	15.0	16.4	21.7	20.3	21.0	

5.3 Instructional Productivity

Radiologic Technology - FY 2013-14 (plus current FY Summer and Fall)

5.3 Instructional Productivity The ratio of Full-Time Equivalent Students (FTES) to Full-Time Equivalent Faculty (FTEF) in each Discipline at first census.

Santa Rosa Campus

Radiologic Technology		X2011	F2011	S2012	X2012	F2012	S2013	X2013	F2013	S2014	X2014	F2014	S2015
	FTES	2.33	15.19	16.87	1.56	3.17	11.20	0.43	14.60	12.57	4.41	17.36	
	FTEF	0.38	1.60	2.04	0.92	0.31	1.00	0.33	1.35	0.94	0.16	1.63	
	Ratio	**6.16**	**9.50**	**8.28**	**1.70**	**10.20**	**11.22**	**1.31**	**10.83**	**13.40**	**27.99**	**10.68**	

Petaluma Campus (Includes Rohnert Park and Sonoma)

Radiologic Technology		X2011	F2011	S2012	X2012	F2012	S2013	X2013	F2013	S2014	X2014	F2014	S2015
	FTES	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	FTEF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	Ratio	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	

Other Locations (Includes the PSTC, Windsor, and other locations)

Radiologic Technology		X2011	F2011	S2012	X2012	F2012	S2013	X2013	F2013	S2014	X2014	F2014	S2015
	FTES	16.79	19.20	24.73	14.05	32.00	13.50	5.71	8.50	9.00	4.22	18.50	
	FTEF	1.61	1.39	1.27	1.07	1.96	1.20	0.65	0.82	0.82	0.69	1.40	
	Ratio	**10.46**	**13.78**	**19.53**	**13.07**	**16.36**	**11.25**	**8.79**	**10.34**	**10.95**	**6.11**	**13.22**	

ALL Locations (Combined totals from ALL locations in the District)

Radiologic Technology		X2011	F2011	S2012	X2012	F2012	S2013	X2013	F2013	S2014	X2014	F2014	S2015
	FTES	19.12	34.39	41.60	15.60	35.17	24.70	6.14	23.10	21.57	8.63	35.87	
	FTEF	1.98	2.99	3.30	1.99	2.27	2.20	0.98	2.17	1.76	0.85	3.03	

	Ratio	**9.64**	**11.49**	**12.60**	**7.83**	**15.52**	**11.24**	**6.28**	**10.64**	**12.25**	**10.18**	**11.85**	

5.4 Curriculum Currency

Periodic revision and update of radiologic technology coursework has occurred most recently in the fall of 2014. All rad tech courses are within their approved limits of periodic review.

5.5 Successful Program Completion

The program's successful course completion is at 95%.

Radiologic Technology - FY 2012-13 (plus current FY Summer and Fall)

5.6b Successful Course Completion The percentage of students receiving a grade of A,B,C, or CR in each Discipline (duplicated headcount).

Santa Rosa Campus

Discipline	X2010	F2010	S2011	X2011	F2011	S2012	X2012	F2012	S2013	X2013	F2013	S2014
Radiologic Technology	100.0%	86.1%	95.9%	100.0%	92.2%	87.8%	96.3%	89.3%	94.3%	95.0%	86.3%	

Petaluma Campus (Includes Rohnert Park and Sonoma)

Discipline	X2010	F2010	S2011	X2011	F2011	S2012	X2012	F2012	S2013	X2013	F2013	S2014
Radiologic Technology	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	

Other Locations (Includes the PSTC, Windsor, and other locations)

Discipline	X2010	F2010	S2011	X2011	F2011	S2012	X2012	F2012	S2013	X2013	F2013	S2014
Radiologic Technology	100.0%	100.0%	95.8%	100.0%	100.0%	97.1%	97.1%	93.8%	87.5%	92.9%	92.0%	

ALL Locations (Combined totals from ALL locations in the District)

Discipline	X2010	F2010	S2011	X2011	F2011	S2012	X2012	F2012	S2013	X2013	F2013	S2014

Radiologic Technology	100.0%	88.5%	95.9%	100.0%	93.6%	89.3%	96.6%	91.7%	93.6%	94.1%	87.2%	

5.6 Student Success

In 2013, 100% of students graduated and passed the national board certifying exam. 5 year average = 97.5%

Radiologic Technology - FY 2013-14 (plus current FY Summer and Fall)

5.6a Retention The percentage of students receiving a grade of A,B,C,D,CR, or I in each Discipline (duplicated headcount).

Santa Rosa Campus

Discipline	X2011	F2011	S2012	X2012	F2012	S2013	X2013	F2013	S2014	X2014	F2014	S2015
Radiologic Technology	100.0%	92.9%	92.8%	98.1%	96.4%	95.7%	95.0%	89.9%	93.2%	86.4%	87.8%	

Petaluma Campus (Includes Rohnert Park and Sonoma)

Discipline	X2011	F2011	S2012	X2012	F2012	S2013	X2013	F2013	S2014	X2014	F2014	S2015
Radiologic Technology	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	

Other Locations (Includes the PSTC, Windsor, and other locations)

Discipline	X2011	F2011	S2012	X2012	F2012	S2013	X2013	F2013	S2014	X2014	F2014	S2015
Radiologic Technology	100.0%	100.0%	100.0%	100.0%	100.0%	87.5%	92.9%	92.0%	88.9%	100.0%	97.2%	

ALL Locations (Combined totals from ALL locations in the District)

Discipline	X2011	F2011	S2012	X2012	F2012	S2013	X2013	F2013	S2014	X2014	F2014	S2015
Radiologic Technology	100.0%	94.2%	94.0%	98.9%	98.3%	94.9%	94.1%	90.2%	92.7%	89.0%	89.5%	

5.6b Successful Course Completion The percentage of students receiving a grade of A,B,C, or CR in each Discipline (duplicated headcount).

Santa Rosa Campus

Discipline	X2011	F2011	S2012	X2012	F2012	S2013	X2013	F2013	S2014	X2014	F2014	S2015

Radiologic Technology	100.0%	92.2%	87.8%	96.3%	89.3%	94.3%	95.0%	86.3%	90.9%	83.3%	86.0%	

Petaluma Campus (Includes Rohnert Park and Sonoma)

Discipline	X2011	F2011	S2012	X2012	F2012	S2013	X2013	F2013	S2014	X2014	F2014	S2015
Radiologic Technology	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	

Other Locations (Includes the PSTC, Windsor, and other locations)

Discipline	X2011	F2011	S2012	X2012	F2012	S2013	X2013	F2013	S2014	X2014	F2014	S2015
Radiologic Technology	100.0%	100.0%	97.1%	97.1%	93.8%	87.5%	92.9%	92.0%	88.9%	100.0%	97.2%	

ALL Locations (Combined totals from ALL locations in the District)

Discipline	X2011	F2011	S2012	X2012	F2012	S2013	X2013	F2013	S2014	X2014	F2014	S2015
Radiologic Technology	100.0%	93.6%	89.3%	96.6%	91.7%	93.6%	94.1%	87.2%	90.7%	86.6%	88.0%	

5.6c Grade Point Average The average GPA in each Discipline (UnitsTotal / GradePoints).

Santa Rosa Campus

Discipline	X2011	F2011	S2012	X2012	F2012	S2013	X2013	F2013	S2014	X2014	F2014	S2015
Radiologic Technology	3.31	3.08	3.07	2.86	3.46	2.85	2.82	2.87	2.76	2.73	3.16	

Petaluma Campus (Includes Rohnert Park and Sonoma)

Discipline	X2011	F2011	S2012	X2012	F2012	S2013	X2013	F2013	S2014	X2014	F2014	S2015
Radiologic Technology	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

Other Locations (Includes the PSTC, Windsor, and other locations)

Discipline	X2011	F2011	S2012	X2012	F2012	S2013	X2013	F2013	S2014	X2014	F2014	S2015
Radiologic Technology	3.71	3.79	3.72	3.75	3.50	3.33	3.64	3.81	3.22	3.88	3.76	

ALL Locations (Combined totals from ALL locations in the District)

Discipline	X2011	F2011	S2012	X2012	F2012	S2013	X2013	F2013	S2014	X2014	F2014	S2015
Radiologic Technology	3.63	3.34	3.32	3.39	3.49	3.00	3.30	3.05	2.87	3.26	3.37	

5.7 Student Access

Students are accepted to the program on a lottery system. Thus, all accepted students have equal access to the instruction offered.

Radiologic Technology - FY 2013-14 (plus current FY Summer and Fall)

5.7a Students Served - by Ethnicity The number of students in each Discipline at first census broken down by ethnicity (duplicated headcount).

ALL Locations (Combined totals from ALL locations in the District)

Radiologic Technology	Ethnicity	2011-12	Percent	2012-13	Percent	2013-14	Percent	2014-15	Percent
	White	314	69.8%	196	66.2%	200	60.8%	232	56.0%
	Asian	13	2.9%	9	3.0%	18	5.5%	33	8.0%
	Black	18	4.0%	13	4.4%	15	4.6%	12	2.9%
	Hispanic	38	8.4%	31	10.5%	82	24.9%	120	29.0%
	Native American	0	0.0%	0	0.0%	0	0.0%	1	0.2%
	Pacific Islander	2	0.4%	0	0.0%	0	0.0%	0	0.0%
	Filipino	15	3.3%	3	1.0%	2	0.6%	2	0.5%
	Other Non-White	0	0.0%	0	0.0%	4	1.2%	14	3.4%
	Decline to state	50	11.1%	44	14.9%	8	2.4%	0	0.0%
	ALL Ethnicities	**450**	**100.0%**	**296**	**100.0%**	**329**	**100.0%**	**414**	**100.0%**

5.7b Students Served - by Gender The number of students in each Discipline at first census broken down by gender (duplicated headcount).

ALL Locations (Combined totals from ALL locations in the District)

Radiologic Technology	Gender	2011-12	Percent	2012-13	Percent	2013-14	Percent	2014-15	Percent
	Male	177	39.3%	129	43.6%	136	41.3%	142	34.3%
	Female	273	60.7%	167	56.4%	191	58.1%	272	65.7%
	Unknown	0	0.0%	0	0.0%	2	0.6%	0	0.0%
	ALL Genders	**450**	**100.0%**	**296**	**100.0%**	**329**	**100.0%**	**414**	**100.0%**

5.7c Students Served - by Age The number of students in each Discipline at first census broken down by age (duplicated headcount).

ALL Locations (Combined totals from ALL locations in the District)

Radiologic Technology	Age Range	2011-12	Percent	2012-13	Percent	2013-14	Percent	2014-15	Percent
	0 thru 18	4	0.9%	2	0.7%	6	1.8%	4	1.0%
	19 and 20	15	3.3%	16	5.4%	35	10.6%	29	7.0%
	21 thru 25	147	32.7%	78	26.4%	80	24.3%	162	39.1%
	26 thru 30	78	17.3%	52	17.6%	63	19.1%	74	17.9%
	31 thru 35	61	13.6%	45	15.2%	51	15.5%	72	17.4%
	36 thru 40	24	5.3%	15	5.1%	25	7.6%	25	6.0%
	41 thru 45	38	8.4%	29	9.8%	18	5.5%	13	3.1%
	46 thru 50	59	13.1%	24	8.1%	16	4.9%	23	5.6%
	51 thru 60	24	5.3%	34	11.5%	29	8.8%	11	2.7%
	61 plus	0	0.0%	1	0.3%	6	1.8%	1	0.2%
	ALL Ages	**450**	**100.0%**	**296**	**100.0%**	**329**	**100.0%**	**414**	**100.0%**

5.8 Curriculum Offered Within Reasonable Time Frame

The program curriculum and clincial instruction are offered during business hours. The clinical instruction portion adheres to strict student supervision under the State Law and JRCERT requirements.

5.9a Curriculum Responsiveness

The program curriculum reflects all current changes that are regulated by the State of California Minimum Standards in Radiologic Technology, as well as the curricular requirements of the American Registry and American Society of Radiologic Technologists.

5.9b Alignment with High Schools (Tech-Prep ONLY)

The program curriculum is not directly articulated with the local High Schools. The program director does offer outreach to HS classes who request a presentation on the profession of radiologic technology.

5.10 Alignment with Transfer Institutions (Transfer Majors ONLY)

The program prerequisites are articulated with nine other community colleges.

5.11a Labor Market Demand (Occupational Programs ONLY)

The labor demand is slightly decreased, due to the economic downturn being experienced by the medical care industry. However, the Class 2009's employment rate is at 95%.

April 2013:
The labor market has rebounded a bit since 2009, but employment rates for our graduates in 2011 and 2012 are a ~80% with most reporting positions other than full time.

February 2014:
Of those graduates responding 69% have found employment as a radiologiuc technologist with most reporting positions other than full time.

April 2015:
The next meaningful update on this is scheduled for summer 2016 to see the empoyment rates of the graduating class of 2015.

5.11b Academic Standards

The JRCERT has visited our program for our periodic site visit and accreditation renewal. Their preliminary report indicated that we were substatinally compliant with standards of the JRCERT with 2 minor exceptions:

- That we did not have a formal process for sharing student feedback on the clinical site and the clinical instructor (hospital supervisor employee);
- That the JRCERT was not clearly identified as a last resort for grievence resolution.

We have addressed those shortcomings and have documented our resolution as of April 1, 2015. We await the decision of our accredditation award.

6.1 Progress and Accomplishments Since Last Program/Unit Review

Rank	Location	SP	M	Goal	Objective	Time Frame	Progress to Date

0001	Santa Rosa	01	05	Additional clinical site affiliation	More clinical placememts required for student internship	2013 - present	We have added one clinical site to our affiliates affording us one more student placement from each class.

6.2a Program/Unit Conclusions

Location	Program/Unit Conclusions
Santa Rosa	Course and program SLOs have been analyzedc and reported effective Fall 2014. This is an ongoing process
Santa Rosa	Employment of Rad Tech is expected to grow by 28% between 2010-2020, faster than the average for all occupations. (Bureau of Labor Statistics) We desire a mobile fluoroscopy unit (C-Arm) which will cost approximately $60,000. Obviously, we will seek donations if possible from the local hospitals. Other and more immediate needs include updating and providing routine maintenance for our x-ray room installation new equipment, and the addition of clinical sites affiliating with our program for student clinical internship placements.

6.2b PRPP Editor Feedback - Optional

6.3a Annual Unit Plan

Rank	Location	SP	M	Goal	Objective	Time Frame	Resources Required
0001	Santa Rosa	01	05	Additional clinical site affiliation	More clinical placememts required for student internship	2013	Additional radiologic technology departments with sufficent staff and motivation