Santa Rosa Junior College Program Resource Planning Process

Radiologic Technology 2016

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:

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 using critical thinking ito recognize image quality and to adapt 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 program 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 **<u>economic vitality</u>**, **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 span as early as 0730 and as late as 1800 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 standard 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 summer 2016. Preliminary statistics January 2016 indicate that 13 actively sought employment as a radiologiic technologist, and of those 11 have been successful indicating 85% employment rate. Final data will be posted in Summer 2016.

2.1a Budget Needs

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.

2016:

Faculty are required to visit students at their hospital clinical sites as a part of our accreditataion. Based on 1700 faculty miles per semester to accomplish this over all 3 semesters and for all students in both classes, we request faculty mileage to be reimbursed at the standard IRS rate of \$0.54 per mile

Radiologic Technology - FY 2014-15

2.1 Fiscal Year Expenditures

Santa Rosa Campus

Expenditure Category	Unrestricted Funds	Change from	Restricted Funds	Change from	Total	Change from
	T unus	2013-14		2013-14		2013-14
Faculty payroll	\$76,325.00	5.58%	\$0.00	0.00%	\$76,325.00	5.58%
Adjunct payroll	\$133,482.63	47.19%	\$0.00	0.00%	\$133,482.63	47.19%
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)	\$47,466.36	17.33%	\$0.00	0.00%	\$47,466.36	17.33%
Supplies (4000's)	\$1,677.35	-7.43%	\$0.00	0.00%	\$1,677.35	-7.43%
Services (5000's)	\$2,958.92	41.42%	\$0.00	0.00%	\$2,958.92	41.42%
Equipment (6000's)	\$0.00	0.00%	\$19,402.16	>1000%	\$19,402.16	>1000%
Total Expenditures	\$261,910.26	26.32%	\$19,402.16	>1000%	\$281,312.42	34.67%

Petaluma Campus (Includes Rohnert Park and Sonoma)

	Unrestricted	Change		Change		Change
Expenditure Category	Funds	from	Restricted Funds	from	Total	from
	T unus	2013-14		2013-14		2013-14
Faculty payroll	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
Adjunct payroll	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
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)	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
Supplies (4000's)	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
Services (5000's)	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
Equipment (6000's)	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
Total Expenditures	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%

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

Expenditure Category	Unrestricted Funds	Change from 2013-14	Restricted Funds	Change from 2013-14	Total	Change from 2013-14
Faculty payroll	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
Adjunct payroll	\$1,697.45	0.00%	\$0.00	0.00%	\$1,697.45	0.00%
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)	\$163.81	0.00%	\$0.00	0.00%	\$163.81	0.00%
Supplies (4000's)	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
Services (5000's)	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
Equipment (6000's)	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%

Total Expenditures \$1,861.26	0.00%	\$0.00	0.00%	\$1,861.26	0.00%
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Expenditure Totals

Expenditure Category	Amount	Change from 2013-14	District Total	% of District Total
Total Expenditures	\$283,173.68	35.56%	\$128,841,425.03	0.22%
Total Faculty Payroll	\$211,505.08	29.78%	\$45,300,722.45	0.47%
Total Classified Payroll	\$0.00	0.00%	\$20,570,031.48	0.00%
Total Management Payroll	\$0.00	0.00%	\$9,160,327.09	0.00%
Total Salary/Benefits Costs	\$259,135.25	27.38%	\$95,455,294.26	0.27%
Total Non-Personnel Costs	\$24,038.43	340.08%	\$15,781,340.43	0.15%

2.1b Budget Requests

Rank	Location	SP	Μ	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.
0002	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 @ .54, I am
					requesting \$2500 to compensate for mileage. This is distributed per
					faculty documentation of their actual mileage
0003	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.
0003	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. Radiologic Technology has requested this position for the past 3 years.

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2.2 Fiscal Year Employee Data and Calculations

Employee Head Counts

Employee Category	Count	Change from 2013-14	District Total	% of District Total
Contract Faculty	1	0.00%	292	0.34%
Adjunct Faculty	6	-14.29%	1365	0.44%
Classified Staff	0	0.00%	517	0.00%
STNC Workers	0	0.00%	534	0.00%
Student Workers	0	0.00%	672	0.00%
Mgmt/Admin/Dept Chair	0	0.00%	159	0.00%

Employee FTE Totals

FTE Category	FTE	Change from 2013-14	District Total	% of District Total
FTE-F - Faculty	4.2176	29.27%	717.5047	0.59%
FTE-CF - Contract Faculty	1.0000	0.00%	289.6222	0.35%
FTE-AF - Adjunct Faculty	3.2176	42.20%	427.8825	0.75%
FTE-C - Classified	0.0000	0.00%	425.5480	0.00%
FTE-ST - STNC	0.0000	0.00%	78.5376	0.00%
FTE-SS - Support Staff	0.0000	0.00%	683.7198	0.00%
FTE-SW - Student Workers	0.0000	0.00%	179.6342	0.00%
FTE-M - Management	0.0000	0.00%	123.2430	0.00%
FTE-DC - Department Chairs	0.0000	0.00%	50.0000	0.00%

Student Data

Data Element	Value	Change from 2013-14	District Total	% of District Total
FTES-CR - Credit	81.0547	70.52%	15658.6492	0.52%
FTES-NC - Non-Credit	0.0000	0.00%	2061.0724	0.00%
FTES - combined	81.0547	70.52%	17719.7216	0.46%
Students Enrolled/Served	293	-32.33%	30000	0.98%

Calculations

		Change		% of
Data Element	Value	from	District Total	District
		2013-14		Total
FTE-S : FTE-F	19.2183	31.91%	24.6963	77.82%
FTE-AF : FTE-CF	3.2176	42.20%	1.4774	217.79%
FTE-F : FTE-SS	0.0000	0.00%	1.0494	0.00%
FTE-F : FTE-M	0.0000	0.00%	5.8219	0.00%
FTE-SS : FTE-M	0.0000	0.00%	5.5477	0.00%
FTE-ST : FTE-C	0.0000	0.00%	0.1846	0.00%
Average Faculty Salary per FTE-F	\$50,148.51	0.39%	\$63,136.48	79.43%
Average Classified Salary per FTE-C	\$0.00	0.00%	\$48,337.75	0.00%
Average Management Salary per FTE-M	\$0.00	0.00%	\$74,327.36	0.00%
Salary/Benefit costs as a % of total budget	91.51%	-6.03%	74.09%	123.52%
Non-Personnel \$ as a % of total budget	8.49%	224.64%	12.25%	69.31%
Restricted Funds as a % of total budget	6.85%	818.65%	13.66%	50.14%
Total Unit Cost per FTE-F	\$67,141.36	4.87%	\$179,568.75	37.39%
Total Unit Cost per FTE-C	\$0.00	0.00%	\$302,765.90	0.00%
Total Unit Cost per FTE-M	\$0.00	0.00%	\$1,045,425.91	0.00%
Total Unit Cost per FTE-S	\$3,493.61	-20.50%	\$7,271.08	48.05%
Total Unit Cost per student served/enrolled	\$966.46	100.33%	\$4,294.71	22.50%

2.2e Classified, STNC, Management Staffing Requests

Rank	Location	SP	Μ	Current Title	Proposed Title	Туре
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	0.4700	15.0000	2.5900	85.0000	There are no full time coordinator/instructors 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 three instructors (adjunct) are within retirement age. That is four of we six.

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 now at full capacity, 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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2.2h Adjunct Exculty Desitions

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

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

4		USICIONS Employees	paid from an Adjunct Faculty OBJECT code	
	Name Last	First	Position	н
	Alander	Tammy		

Name Last	First	Position	Hours	FTE
Alander	Tammy		290.50	0.3111
Diehl	Keith		182.00	0.6121
Garcia	Diane		137.50	0.3222
Lehrer	Richard		44.01	0.6185
Patterson	Bonnie		309.11	0.6591
Robertson	Joanne		565.00	0.6946
Totals			1528.12	3.2176

2.3e Faculty Staffing Requests

Rank	Location	SP	Μ	Discipline	SLO Assessment Rationale
0001	ALL	02	02	Clinical Coordinator - see 2.2d and 2.3d	Radiologic technology has 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. Our accrediting agency requires that faculty
					periodically evaluate students in the clinical setting. The program director has functioned as an additional clinical
					coordinator although this practice violates our accreditation standards (Standard 2.2).
					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 Rationale for Instructional and Non-Instructional Equipment, Technology, and Software

Priority item 1.

Room 4046 Race is being re-designed to accomidate a much needed xray positioning simulation tube/table. The installation of this equipment will necessitate the re-design of this already small space. Radiologic Technology requests the following equipent as a part of this upgrade:

- Accessories common in xray rooms to complement the new table. This includes positioning sponges, gonadal shielding and a foam pad for the table. Additionally, the table pad and some sponges that we have in the adjacent xray room need replacing.
- We are designing 4046 for small groups in a small space. We request tables and rolling chairs for 10 students.

Priority item 2.

As we go forward, this space has been identified to teach the new elective mammography course as well as small group labs for various other health science programs. We request a standard computer with Internet (wireless?), and the customary college issued software for instructional use. Additionally we request a flat panel video or other type of monitor to be housed in an area up to eight feet wide. Request something large enough to be seen clearly from 15 feet back.

2.4c Instructional Equipment and Software Requests

Rank	Location	SP	Μ	Item Description		Cost Each	Total Cost	Requestor	Room/Space	Contact
0001	Santa Rosa	04	01	Desks and chairs for re-designed Race 4046	1	\$5,000.00	\$5,000.00	Rich Lehrer	4047	Rich Lehrer
0002	Santa Rosa	04	01	Flat Panel projection screen & computer Race 4046	1	\$5,000.00	\$5,000.00	Rich Lehrer	4074	Rich Lehrer
0003	Santa Rosa	04	01	Accessories for new simulation table Race 4046	1	\$1,500.00	\$1,500.00	Rich Lehrer	4047	Rich Lehrer

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

Rank Location SP M I Item Description Qty Cost Each Total Cost Requestor Room/Space Contact	Donk Looo	ation SP M	n SP M Item Description	Otv	Cost Each	Total Cost	Requestor	Room/Space	Contact
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2.5a Minor Facilities Requests

Rank	Location	SP	Μ	Time Frame	Building	Room Number	Est. Cost	Description
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2.5b Analysis of Existing Facilities

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

3.1 Develop Financial Resources

Radiologic Technology has actively applied for funding through CTE for various accessories and to update computer based learning software.

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, Shelly Masini, Linda Dunnivant and Rich Lehrer are identified as building safety coordinators.

The radiologic technology classes participated in a safety drill in the spring of 2014 and 2015 on exiting the building in case of a disaster. In the spring of 2016, a faulty alarm caused evacuation of the Race building, and the students in all classes on all 3 floors responded efficiently and without panic.

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. We are aware that Canvas is the identified learning management software and we are in the process of migrating our courses over to Canvas.

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 Assess ment
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	COR changed starting F 2016 to 3.5 hr. lecture and 1.5 hour lab.	2019

RT 68	1&2	Lehrer	X 2013	X 2013	Nat. Board Certifying exam pass rate for 2015 = 87.5%. Continue to monitor for one more year.	2019
RT 61.1 AL	1	Lehrer	F 2013	F 2013	New clinical courses starting F 2016 71 (A-F)	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
RADT 102		Patterson	F 2016		New F 2016	
RADT 102L		Patterson	F 2016		New F 2016	

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.

As of summer 2015, statistics indicated possible opportunities for improvement. The program director and faculty agreed to review the data in light of the graduation class of 2016 compared to the 2015 data, and then act as appropriate.

Туре	Name	Student	Assessment	Change
		Assessment	Results Analyzed	Implemented
<i>a</i>	D 100	mplementeu	G 1 0010	
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

4.1c Student Learning Outcomes Reporting

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 RADT	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
courses																

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 2014-2015 academic year should be representative of the present status of our program under the leadership of the current program director.

Attached below.

Santa Rosa Junior College Radiologic Technology Assessment Plan Student Learning Outcomes 2014-2015 **Program Goal 1**: Students will be **clinically competent**.

OUTCOME	1.1	Measurement Tool	Student Benchm	nark	Assessment	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 3 rd semester - End of the 6 th semester	- Clinical instructors and staff
Outcome 1.1		Results	•		Comments/Action P	lan
				Benchr	nark met	
9.41 average overa		all 2014	Contin	ue to monitor as curre	ent 2 nd year class	
Area E 9.56 overall average 2015 (Bo		(Both cohorts)	progre	sses.		

OUTCOME 1.2		Measurement Tool 1	Student Benchmark		Assessment	Responsible
					Frequency	Authors
Students will utilize skills in radiation protection		Area H of the clinical evaluation form	average \geq 8.5 on the scale of 7.5 to 10.		- End of the 3 rd semester - End of the 6 th semester	- Clinical instructors and staff
Outcome 1.2 -					Comments/Action P	lan
Tool 1		Results				
				Benchr	nark met	
9.		9.84 average over	rall 2014 Continu		ntinue to monitor as current 2 nd year class	
Area H 9.97 overall average 2015		(Both cohorts) progresses.				

OUTCOME 1.2	Measurement Tool 2	Student Benchma	ark	Assessment	Responsible
				Frequency	Authors
Students will utilize skills in radiation protection	Practical final evaluation form	85% of students will rec score on the scale of 0 t	eive a 2 to 4 scale.	End of the 3 rd semester	RT 61 C instructors
Outcome 1.2 – Tool 2	Results			Comments/Action Pl	an
			Benchm	ark met	
RADT 61C	94.1% of students so 97.1% of students so	cored 2 or higher 2014 c ored 2 or higher 2015	Continu progres	e to monitor as current ses.	t 2 nd year class

OUTCOME 1.3	Measurement Tool	Student Benchmark	Assessment	Responsible
			Frequency	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 3 rd semester - End of the 6 th semester	- Clinical instructors and staff

Outcome 1.3	Results	Comments/Action Plan
	9.63 average overall 2014	Benchmark met
Area D	9.70 average overall 2015 (Both cohorts)	Continue to monitor as current 2^{nd} year class progresses.

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

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OUTCOME	Me	asurement Tool	Student Benchmark		Frequency	Responsible Authors
2.1094400mes2w1it Tadlzte	Area	a F of the Results	Students will receive an	- E	nd of 3rd sem estement	s/Actional langtructors and staff
critical thinking in	eval	luation form9.46	and the scale of	- E	n Beonforthme conthranentnester	
recognizin g rienaafge		9.55 average	ଟିଏହିଲୋମ୍ପ2015 (Both cohorts)		Continue to monitor a	s current 2 nd year class progresses.
quality		Poculto			Comment	s/Action Plan
2 1. Students will utilize	Radi	iation Physics lab	An average rating of 85% in	- F	nd of the 2nd	- Rad T 63A Instructor
2.1. Students will utilize	nau	90% overall – Spri	na 2014 18 students' 16 studen	ts 🗅	Benchmärk met	Nau 1 05A Instructor
critical thinking in RADT 63A section 5815	final	exam	all students' evaluations. 5/30/2014	se	nester Continue to monitor as	s current 2 nd year class progresses.
recognizing image						
quality						

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

Outcome 2.2	Results	Comments/Action Plan
		Benchmark met
		Continue to monitor as current 2 nd year class progresses.
		Faculty is reluctant to make changes in the benchmark
	9.69 average overall 2014	until at least one class matriculates to graduation under
Area I	9.67 average overall 2015 (Both cohorts)	the new program directors administration.

Program Goa	3 : Students	will communicate	e effectively.
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	OUTCOME		Measuremen	t Tool	Studer	nt Benchr	nark –	Fi	requency	. /	Responsibility Author	5
Ουτο	Outgome 3.1 ME	Meas	unement Job	lini Gl u	destrigents	will fece	ive an	Frequent	Commen V ^{il Semes}	ter ler	on Fign Responsibility Authons staff	
- 3.2: S	tdemonstrate good	Oral c	Ryaluation .79 average ov	erall 20	ents will re 115 (Both g	ceiveant onorteo	^{he} End	engnhark. of 4th sem ontinue to	Béféth se monitor d	m <mark>ester:</mark> is curre	B instructor nt 2 ^m year class progresses.	
comm	clinical environmen	t _{classe}	s' projects	scale o	f 7.5 to 10).						
Outco	me 3.2											
Oral 63	3A ALARA project		97.5% class a	average	e Fall 2014				Ве	nchma	rk met	

OUTCOME	Measurement Tool	Student Benchmark	Frequency	Responsibility Authors
- 3.3: Students will	Written	An average rating of 85%	- End of the 5th	- RT 65 instructor
demonstrate good written	communication	in all students'	semester	
communication.	grading of the	evaluations.		
	classes' projects			
	classes' projects			

Outcome 3.3	Results	Comments/Action Plan
RADT 65 written project	88.9% class average Spring 2015	<u>Benchmark met</u>

Program Goal 4: Students will exhibit professionalism and ethics.

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

Outcome 4.1	Results	Comments/Action Plan	
	9.78 average overall 2014	Benchmark met	
Area C	9.83 average overall 2015 (Both cohorts)	Continue to monitor as current 2 nd year class progresses.	

OUTCOME	Measurement Tools	Student Benchmark	Frequency	Responsibility Authors
- 4.2: Students will	- RADT 60 = Ethics Test	 An average rating of 	- Annually	- RT 60 instructor
demonstrate		85% in all students'		
understanding of ethical		evaluations on the Ethics		
decision making.		exam of RADT 60.		

Outcome 4.2	Results	Comments/Action Plan
		Benchmark met
RADT 60	100% of students achieved 85% or higher	Continue to monitor as current 2 nd year class progresses.

Santa Rosa Junior College Radiologic Technology Assessment Plan Program Effectiveness Measures 2014 – 2015

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 2013-2015	16 of 20 (80%) completed the program	<u>Benchmark met</u>

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

Outcome 2	Results	Comments/Action Plan
Class of 2013 - 2015	14 of 16 passed on first attempt = 87.5%	<u>Benchmark met</u>

OUTCOME Mea	asurement Tool Program Bei	nchmark Frequenc	xy Responsibility Area
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3: Graduates will pass	ARRT exam scores	ARRT exam score will be 2	Annually	Program director
credentialing exam at		points above the national		
or above national		average.		
average.				

Outcome 3	Results	Comments/Action Plan
Class of 2013-2015	Data is pending	<u>??</u>

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

Outcome 4	Results	Comments/Action Plan
12 month employment	Preliminary results = 11/14 = 79%	Data available 2016

OUTCOME	Measurement Tool	Program Benchmark	Frequency	Responsibility Area
5: Graduates will be	Graduate Survey		Annually	Program director
satisfied with their		85% of graduates will be	6 months post-	
education.		satisfied with their education	graduation	
			survey	

Outcome 5	Results	Comments/Action Plan
2015 graduate satisfaction		Pending December 2015

OUTCOME	Measurement Tool	Program Benchmark	Frequency	Responsibility Area
6: Employers will be satisfied with their employees education.	Employer survey	85% of employers will be satisfied with graduate employees education	Annually 6 months post- graduation survey	Program director

Outcome 6	Results	Comments/Action Plan
2015 employer survey		Pending December 2015

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. Our program has now re-written COR for the clinical courses effective F 2016.

5.2a Enrollment Efficiency

Radiologic Technology - FY 2014-15 (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	X2012	F2012	S2013	X2013	F2013	S2014	X2014	F2014	S2015	X2015	F2015	S2016
	-	-					-	-				
Radiologic Technology	36	28	92	21	139	85	65	164	119	58	160	1

Petaluma Campus (Includes Rohnert Park and Sonoma)

Discipline	X2012	F2012	S2013	X2013	F2013	S2014	X2014	F2014	S2015	X2015	F2015	S2016
Radiologic Technology	0	0	0	0	0	0	0	0	0	0	0	

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

Discipline	X2012	F2012	S2013	X2013	F2013	S2014	X2014	F2014	S2015	X2015	F2015	S2016
Radiologic Technology	34	16	15	14	25	18	16	35	34	32	38	

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

Discipline	X2012	F2012	S2013	X2013	F2013	S2014	X2014	F2014	S2015	X2015	F2015	S2016
Radiologic Technology	70	44	107	35	164	103	81	199	153	90	198	

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	X2012	F2012	S2013	X2013	F2013	S2014	X2014	F2014	S2015	X2015	F2015	S2016
Radiologic Technology	87.2%	94.1%	105.2%	100.0%	111.2%	81.0%	95.6%	105.5%	93.6%	64.4%	106.2%	

Petaluma Campus (Includes Rohnert Park and Sonoma)

Discipline	X2012	F2012	S2013	X2013	F2013	S2014	X2014	F2014	S2015	X2015	F2015	S2016
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	X2012	F2012	S2013	X2013	F2013	S2014	X2014	F2014	S2015	X2015	F2015	S2016
Radiologic Technology	87.2%	94.1%	93.8%	87.5%	30.1%	45.0%	100.0%	90.0%	85.0%	82.5%	63.9%	

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

Discipline	X2012	F2012	S2013	X2013	F2013	S2014	X2014	F2014	S2015	X2015	F2015	S2016
Radiologic Technology	87.2%	94.1%	103.2%	93.8%	78.8%	71.0%	96.4%	102.2%	91.5%	70.0%	93.7%	I

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 2014-15 (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	X2012	F2012	S2013	X2013	F2013	S2014	X2014	F2014	S2015	X2015	F2015	S2016
Radiologic Technology	17.0	16.0	27.0	16.0	23.2	21.3	21.7	21.9	19.5	14.5	22.0	

Petaluma Campus (Includes Rohnert Park and Sonoma)

Discipline	X2012	F2012	S2013	X2013	F2013	S2014	X2014	F2014	S2015	X2015	F2015	S2016
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	X2012	F2012	S2013	X2013	F2013	S2014	X2014	F2014	S2015	X2015	F2015	S2016
Radiologic Technology	17.0	16.0	15.0	14.0	6.3	9.0	16.0	18.0	17.0	16.5	9.8	

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

Discipline	X2012	F2012	S2013	X2013	F2013	S2014	X2014	F2014	S2015	X2015	F2015	S2016
Radiologic Technology	17.0	16.0	24.0	15.0	16.4	17.2	20.3	21.0	18.9	15.2	17.5	

5.3 Instructional Productivity

Radiologic Technology - FY 2014-15 (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		X2012	F2012	S2013	X2013	F2013	S2014	X2014	F2014	S2015	X2015	F2015	S2016
	FTES	1.30	3.17	7.92	0.43	14.60	9.29	4.41	17.61	13.60	5.60	17.72	
	FTEF	0.61	0.31	0.87	0.33	1.35	0.81	0.16	1.63	1.29	0.49	1.61	
	Ratio	2.14	10.20	9.14	1.31	10.83	11.52	27.99	10.83	10.51	11.35	10.97	

Petaluma Campus (Includes Rohnert Park and Sonoma)

Radiologic Technology		X2012	F2012	S2013	X2013	F2013	S2014	X2014	F2014	S2015	X2015	F2015	S2016
	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		X2012	F2012	S2013	X2013	F2013	S2014	X2014	F2014	S2015	X2015	F2015	S2016
	FTES	14.05	16.00	13.50	5.71	8.50	9.00	4.22	18.50	22.71	11.14	21.86	
	FTEF	1.07	0.98	1.20	0.65	0.82	0.82	0.69	1.40	1.27	1.03	1.44	
	Ratio	13.07	16.36	11.25	8.79	10.34	10.95	6.11	13.22	17.93	10.85	15.13	

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

Radiologic Technology		X2012	F2012	S2013	X2013	F2013	S2014	X2014	F2014	S2015	X2015	F2015	S2016
	FTES	15.35	19.17	21.42	6.14	23.10	18.29	8.63	36.11	36.31	16.73	39.58	
	FTEF	1.68	1.29	2.07	0.98	2.17	1.63	0.85	3.03	2.56	1.52	3.06	
	Ratio	9.13	14.88	10.36	6.28	10.64	11.23	10.18	11.93	14.18	11.02	12.94	

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 2014-15 (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	X2012	F2012	S2013	X2013	F2013	S2014	X2014	F2014	S2015	X2015	F2015	S2016
Radiologic Technology	94.4%	89.3%	94.6%	95.0%	86.3%	90.5%	83.3%	86.0%	93.3%	93.1%	90.0%	

Petaluma Campus (Includes Rohnert Park and Sonoma)

Discipline	X2012	F2012	S2013	X2013	F2013	S2014	X2014	F2014	S2015	X2015	F2015	S2016
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	X2012	F2012	S2013	X2013	F2013	S2014	X2014	F2014	S2015	X2015	F2015	S2016
Radiologic Technology	97.1%	93.8%	87.5%	92.9%	92.0%	88.9%	100.0%	97.2%	100.0%	94.1%	97.4%	

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

Discipline	X2012	F2012	S2013	X2013	F2013	S2014	X2014	F2014	S2015	X2015	F2015	S2016
Radiologic Technology	95.7%	90.9%	93.5%	94.1%	87.2%	90.2%	86.6%	88.0%	94.8%	93.5%	91.5%	

5.6 Student Success

In 2015, 100% of students graduated and 87.5% (14/16) passed the national board certifying exam. 5 year average = 97.5%

Radiologic Technology - FY 2014-15 (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	X2012	F2012	S2013	X2013	F2013	S2014	X2014	F2014	S2015	X2015	F2015	S2016
Radiologic Technology	97.2%	96.4%	96.7%	95.0%	89.9%	92.9%	86.4%	87.8%	95.0%	93.1%	93.8%	

Petaluma Campus (Includes Rohnert Park and Sonoma)

Discipline	X2012	F2012	S2013	X2013	F2013	S2014	X2014	F2014	S2015	X2015	F2015	S2016
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	X2012	F2012	S2013	X2013	F2013	S2014	X2014	F2014	S2015	X2015	F2015	S2016
Radiologic Technology	100.0%	100.0%	87.5%	92.9%	92.0%	88.9%	100.0%	97.2%	100.0%	94.1%	97.4%	

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

Discipline	X2012	F2012	S2013	X2013	F2013	S2014	X2014	F2014	S2015	X2015	F2015	S2016
Radiologic Technology	98.6%	97.7%	95.4%	94.1%	90.2%	92.2%	89.0%	89.5%	96.1%	93.5%	94.5%	

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

Santa Rosa Campus

Discipline	X2012	F2012	S2013	X2013	F2013	S2014	X2014	F2014	S2015	X2015	F2015	S2016
Radiologic Technology	2.89	3.46	2.91	2.82	2.87	2.84	2.73	3.16	3.37	3.50	3.04	

Petaluma Campus (Includes Rohnert Park and Sonoma)

Discipline	X2012	F2012	S2013	X2013	F2013	S2014	X2014	F2014	S2015	X2015	F2015	S2016
Radiologic Technology	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	<u> </u>

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

Discipline	X2012	F2012	S2013	X2013	F2013	S2014	X2014	F2014	S2015	X2015	F2015	S2016
Radiologic Technology	3.75	3.50	3.33	3.64	3.81	3.22	3.88	3.76	3.76	3.91	3.91	<u> </u>

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

Discipline	X2012	F2012	S2013	X2013	F2013	S2014	X2014	F2014	S2015	X2015	F2015	S2016
Radiologic Technology	3.51	3.49	3.08	3.30	3.05	2.96	3.26	3.37	3.54	3.74	3.35	

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 2014-15 (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).

Radiologic Technology	Ethnicity	2012-13	Percent	2013-14	Percent	2014-15	Percent	2015-16	Percent
	White	145	67.1%	175	61.8%	230	56.2%	246	56.2%
	Asian	5	2.3%	18	6.4%	32	7.8%	25	5.7%
	Black	10	4.6%	14	4.9%	12	2.9%	21	4.8%
	Hispanic	20	9.3%	65	23.0%	118	28.9%	109	24.9%
	Native American	0	0.0%	0	0.0%	1	0.2%	0	0.0%
	Pacific Islander	0	0.0%	0	0.0%	0	0.0%	1	0.2%
	Filipino	2	0.9%	1	0.4%	2	0.5%	11	2.5%
	Other Non-White	0	0.0%	2	0.7%	14	3.4%	24	5.5%
	Decline to state	34	15.7%	8	2.8%	0	0.0%	1	0.2%
	ALL Ethnicities	216	100.0%	283	100.0%	409	100.0%	438	100.0%

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

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	2012-13	Percent	2013-14	Percent	2014-15	Percent	2015-16	Percent
	Male	96	44.4%	118	41.7%	140	34.2%	154	35.2%
	Female	120	55.6%	163	57.6%	269	65.8%	284	64.8%
	Unknown	0	0.0%	2	0.7%	0	0.0%	0	0.0%
	ALL Genders	216	100.0%	283	100.0%	409	100.0%	438	100.0%

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

Radiologic Technology	Age Range	2012-13	Percent	2013-14	Percent	2014-15	Percent	2015-16	Percent
	0 thru 18	1	0.5%	3	1.1%	4	1.0%	7	1.6%
	19 and 20	8	3.7%	24	8.5%	28	6.8%	32	7.3%
	21 thru 25	51	23.6%	67	23.7%	161	39.4%	155	35.4%
	26 thru 30	38	17.6%	56	19.8%	70	17.1%	97	22.1%
	31 thru 35	32	14.8%	46	16.3%	72	17.6%	75	17.1%
	36 thru 40	13	6.0%	22	7.8%	25	6.1%	26	5.9%
	41 thru 45	23	10.6%	16	5.7%	14	3.4%	22	5.0%
	46 thru 50	21	9.7%	15	5.3%	23	5.6%	17	3.9%
	51 thru 60	28	13.0%	28	9.9%	11	2.7%	6	1.4%
	61 plus	1	0.5%	6	2.1%	1	0.2%	1	0.2%
	ALL Ages	216	100.0%	283	100.0%	409	100.0%	438	100.0%

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

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 ten other community colleges, eighteen independent colleges and universities and nineteen out of state colleges and universities. Addi=tionalkly, admissions and records can access any college data that any student may request.

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 radiologic 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.

April 2016: Unofficially 12 of 14 from last graduating class (86%) have found employment as a radiologic technologist.

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. The JRCERT has awarded an eight (8) year accreditation effective December 2014. Interim report due 2018, nest periodic site visit fourth quarter 2022.

6.1 Progress and Accomplishments Since Last Program/Unit Review

Rank	Location	SP	Μ	Goal	Objective	Time Frame	Progress to Date
0001	Santa Rosa	01	01	Additional clinical site affiliation	More clinical placements required for	2015	Additional radiologic technology departments
					student internship		with sufficent staff and motivation. We have
							affiliated with Sonoma West Meidcal Center
0002	Santa Rosa	04	06	Update radiographic equipment	We have upgraded our PACS and our	2015	Both CR and PACS operating normally wiin
					Computed Radiography equipment		the new Win 7 enviornment

6.2a Program/Unit Conclusions

Location	Program/Unit Conclusions
Santa Rosa	Course and program SLOs have been analyzed and reported effective Fall 2014. This is an ongoing process
Santa Rosa	On the immediate radar screen is the installation of another simulation xray room for student positioning practice.
	The funding has come from a variety of sources. I have also requested additional equipment and accessories for
	the entire Race 4046 project.

6.2b PRPP Editor Feedback - Optional

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6.3a Annual Unit Plan

Rank	Location	SP	Μ	Goal	Objective	Time Frame	Resources Required
0001	Santa Rosa	01	01	Accessories fir new table installation Race	To faithfully reproduce the radiographic	2016-2017	Positioning sponges, gonadal shielding and
				4046	enviornment		accessories for new table and some to replace
							older worn out sponges (> 8 years old).
0002	Santa Rosa	01	01	Furniture for re-designed Race 4046	More instructioonal functionality in an	2016-2017	Tables and rolling chairs for 10 students,
					awkward space		computer with display video.
0003	Santa Rosa	01	01	A full time clinical coordinator position	A second f/t position in the department	2016-2017	Another full time position in radiologioc
							technology would ensure student supervision
							in the clinical sites and help allevate the
							health science load on committee work.
0005	Santa Rosa	02	07	Update library of computer based materials	Software related to radiologic technology	2016 and	Availability of funding to purchase computer
					intended for use with Win 7 enviornment	beyond	based learning software as it is identified.
0005	Santa Rosa	01	05	Additional clinical site affiliations	Enough clinical affiliated sites to place	2016 and	Availability of funding to affiliate with
					students	beyond	additional clinical sites as they become
							available.