FOOTHILL COLLEGE
Institutional Research and Planning

DATE: July 20, 2015

TO: Bonnie Wheeler, Instructor, Radiologic Technology

FROM: Elaine Kuo, Institutional Research

RE: Radiologic Technology (RT) Survey Results

Overview

Students who recently graduated from the Radiologic Technology (RT) program along with employers affiliated with this program were surveyed during Spring 2015 to determine their satisfaction with the program. For the program alumni, the survey also collected additional data regarding their current employment. The survey was administered over the course of a month and there were 16 respondents to the Alumni survey and four for the Employer survey.

Highlights

Alumni

- Almost all the respondents "strongly agree" or "agree" that the program provided the skills, knowledge and experience needed for entry level practice. There was one respondent who indicated they "disagree" that communication skills developed during the program encouraged positive interpersonal relationships with peers, co-workers and patients (6%).
- All but one of the respondents report being currently employed, with the majority working full-time (67%). One-fifth of respondents are working per diem (20%).
- The majority of respondents are employed as a Radiologic Technologist, Radiologic Technologist 1 or Radiologic Technologist II (81%).
- The majority of the respondents are earning between $60,000 and $80,000 (71%) or roughly an hourly rate of $30-$35/hour (64%).
- Two-thirds of respondents are working at a clinic (67%); at least half of the respondents have been in their current position for longer than six months (53%).
- The majority of respondents are employed in Santa Clara or San Mateo Counties (76%).
- Strengths of the programs as cited by program alumni include the knowledge and passion of the instructors (n=3) and the value of the clinical rotations (n=5).
- Suggestions for strengthening the program include more OR time (n=3); more clinical focus (n=3); and less emphasis on program perfection (more positive reinforcement) (n=2).

Employers

- Half of the respondents “excellent” that program graduates’ communication skills encourage positive interpersonal relationships with peers, co-workers and patients; apply proper radiation safety for patient, self and others; and demonstrate interest in professional development, advanced technology and life-long learning.
- One respondent indicated the program graduate demonstrated “fair” application of proper radiation safety for patient.
- All the respondents “good” (not “excellent”) that program graduates demonstrate professionalism.

Methodology

The two surveys were administered beginning May 13, 2015 and ending June 10, 2015. Alumni and employers received an email invite with the appropriate survey link embedded. The respondent could click on that link and participate in the survey. Remark web survey software was used to design the survey instrument.

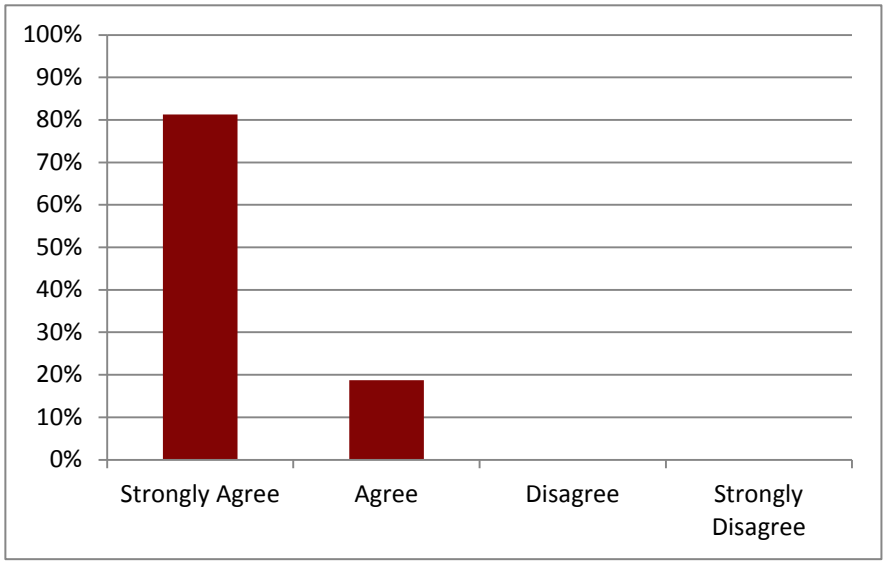
Source

FHDA IR&P, Remark Web Survey [RT Alumni Survey.rmk, RT Employer Survey.rmk]

2015 Radiologic Technology
Alumni Survey

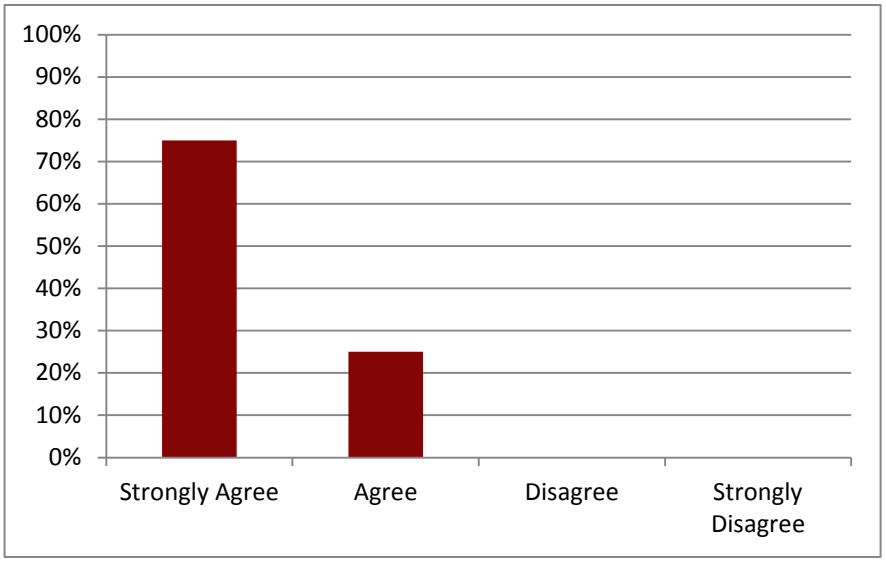
Q1: The overall knowledge gained from the program was sufficient for entry-level practice.

Response	N	Percent
Strongly Agree	13	81%
Agree	3	19%
Disagree	0	0%
Strongly Disagree	0	0%
Total	16	100%



Q2: Knowledge gained during the program in the areas of equipment operation, quality control, image production and image evaluation were sufficient for entry-level practice.

Response	N	Percent
Strongly Agree	12	75%
Agree	4	25%
Disagree	0	0%
Strongly Disagree	0	0%
Total	16	100%

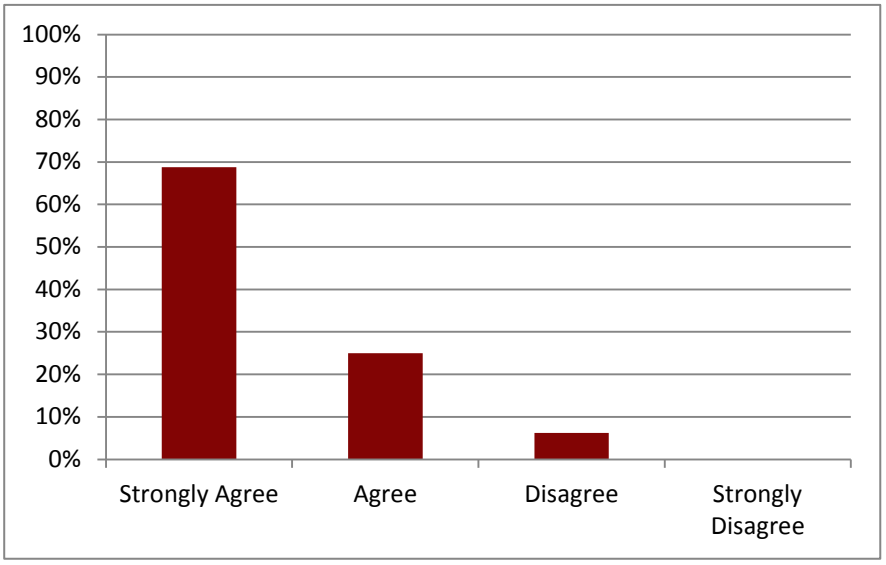


*Note that totals may not add up to 100% due to rounding.

Administered 05.13.2015 to 06.10.2015
Report 07.20.2015

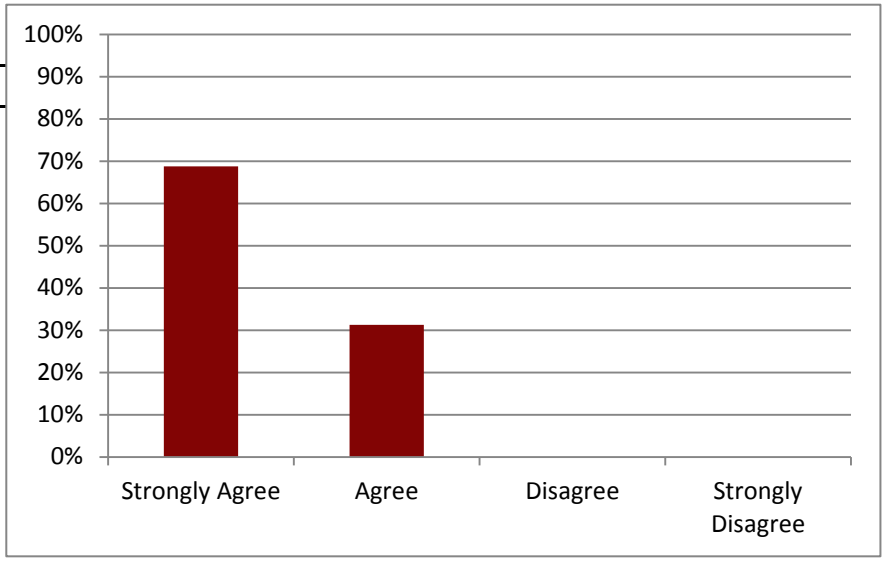
Q3: Communication skills developed during the program encouraged positive interpersonal relationships with peers, co-workers and patients.

Response	N	Percent
Strongly Agree	11	69%
Agree	4	25%
Disagree	1	6%
Strongly Disagree	0	0%
Total	16	100%



Q4: Problem solving and critical thinking skills developed during the program were sufficient for entry-level practice.

Response	N	Percent
Strongly Agree	11	69%
Agree	5	31%
Disagree	0	0%
Strongly Disagree	0	0%
Total	16	100%

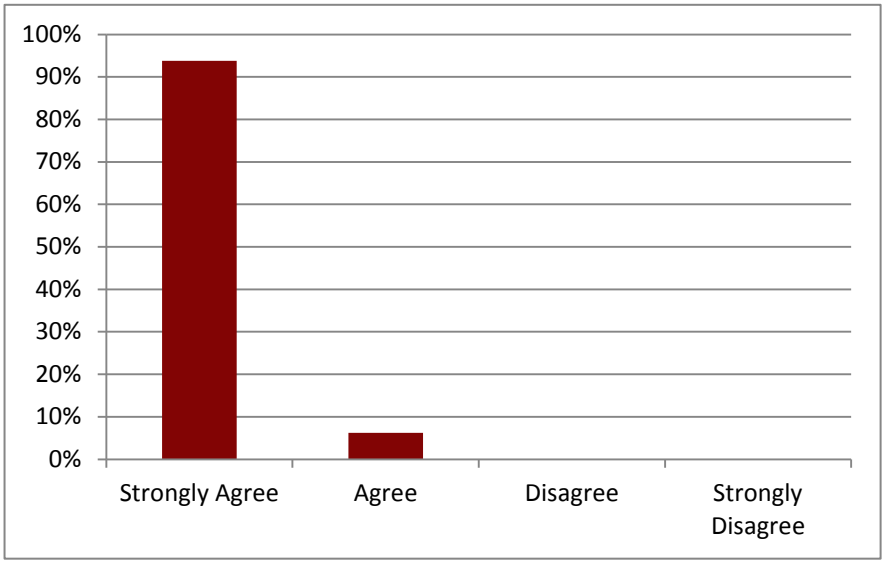


*Note that totals may not add up to 100% due to rounding.

2015 Radiologic Technology
Alumni Survey

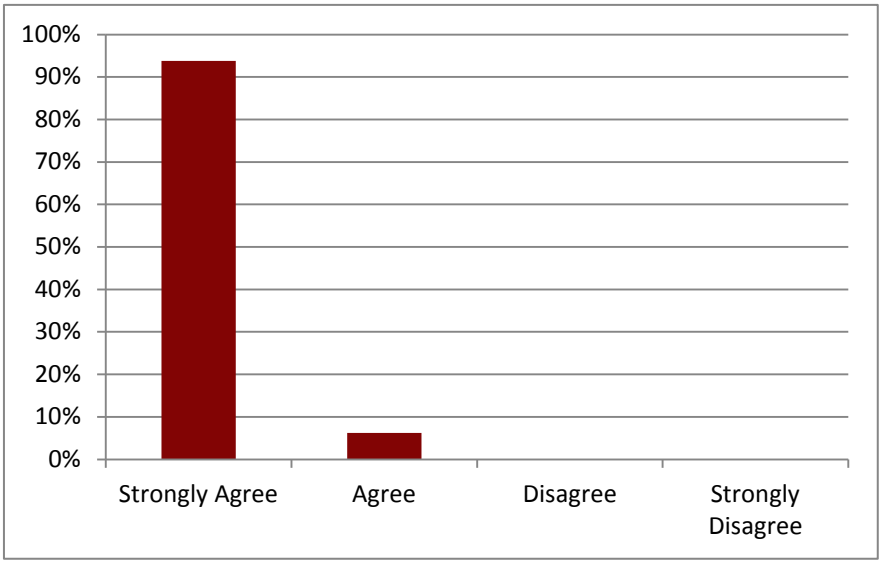
Q5: Knowledge gained during the program developed your abilities for proper radiation safety for patient, self and others.

Response	N	Percent
Strongly Agree	15	94%
Agree	1	6%
Disagree	0	0%
Strongly Disagree	0	0%
Total	16	100%



Q6: Knowledge acquired during the program informed you of patient rights and the administration of patient care in an ethical, comforting and competent manner.

Response	N	Percent
Strongly Agree	15	94%
Agree	1	6%
Disagree	0	0%
Strongly Disagree	0	0%
Total	16	100%

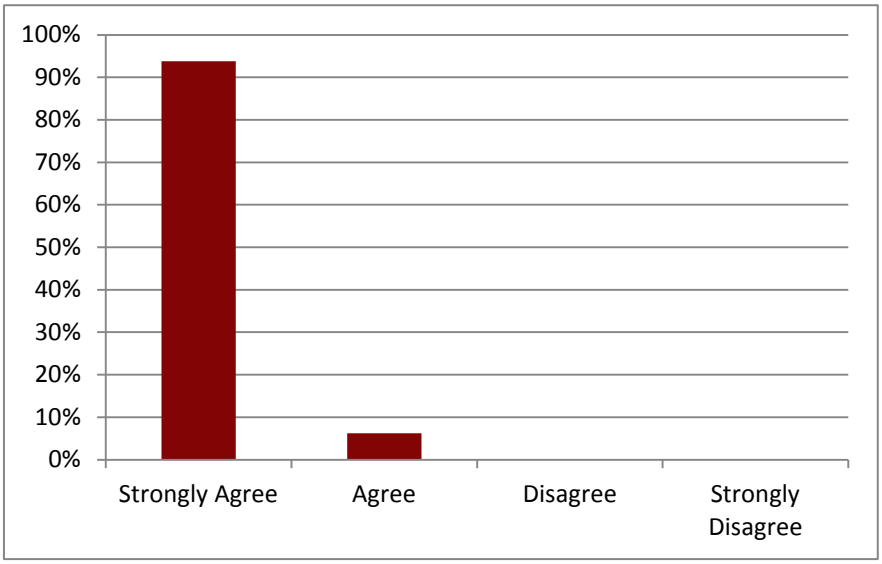


*Note that totals may not add up to 100% due to rounding.

Administered 05.13.2015 to 06.10.2015
Report 07.20.2015

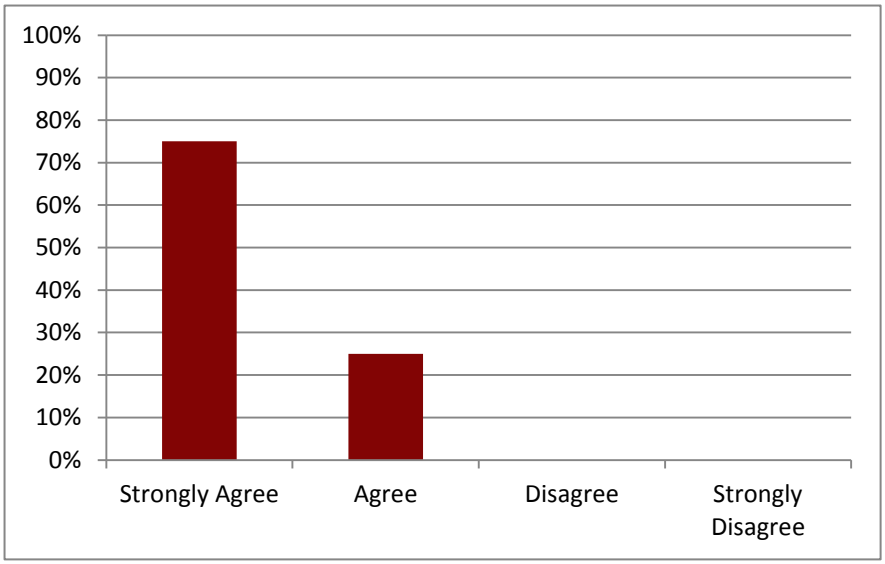
Q7: The program adequately prepared you for the CRT/ARRT examination.

Response	N	Percent
Strongly Agree	15	94%
Agree	1	6%
Disagree	0	0%
Strongly Disagree	0	0%
Total	16	100%



Q8: The program introduced you to continuing education and other life-long learning opportunities.

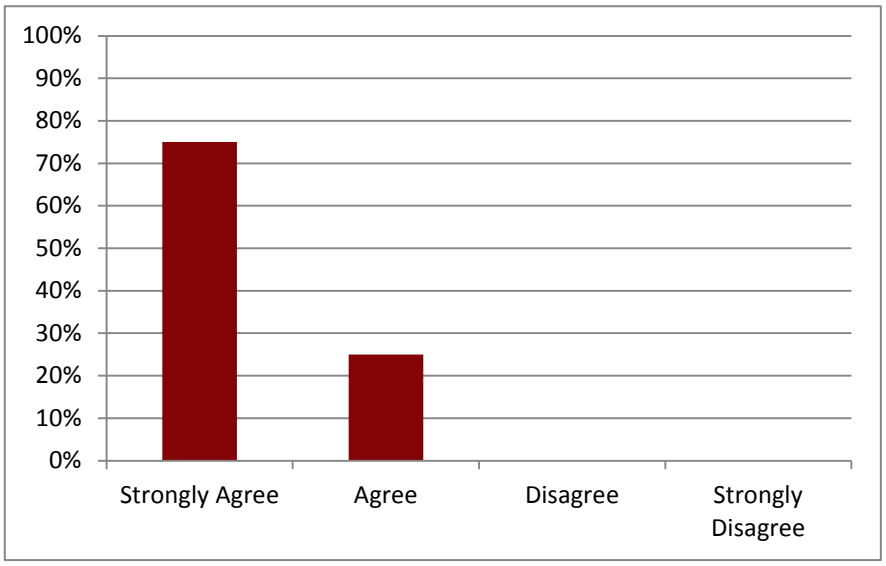
Response	N	Percent
Strongly Agree	12	75%
Agree	4	25%
Disagree	0	0%
Strongly Disagree	0	0%
Total	16	100%



*Note that totals may not add up to 100% due to rounding.

Q9: The program introduced you to advanced imaging modalities (CT, Angiography, MRI and Mammography).

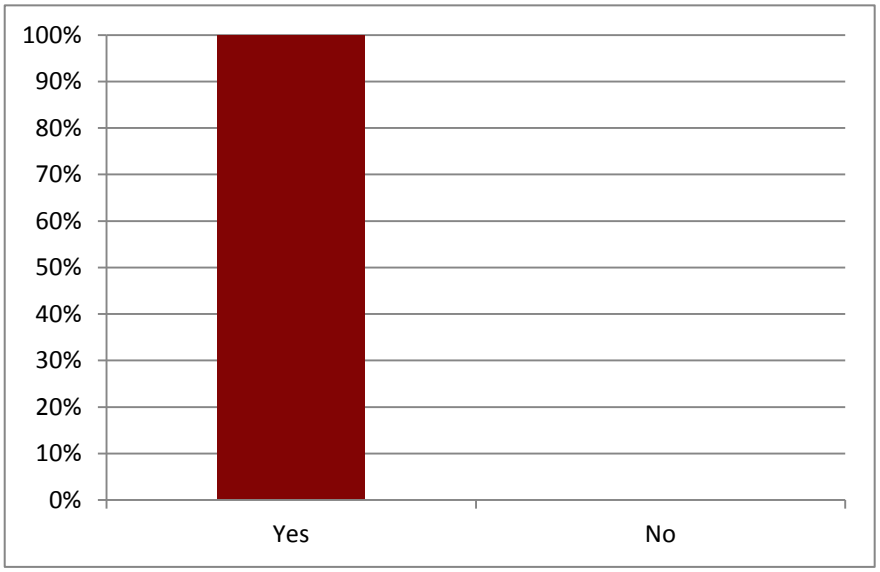
Response	N	Percent
Strongly Agree	12	75%
Agree	4	25%
Disagree	0	0%
Strongly Disagree	0	0%
Total	16	100%



Q10: Do you have a job as a radiologic technician?

Response	N	Percent
Yes	15	100%
No	0	0%
Total	15	100%

No response: 1

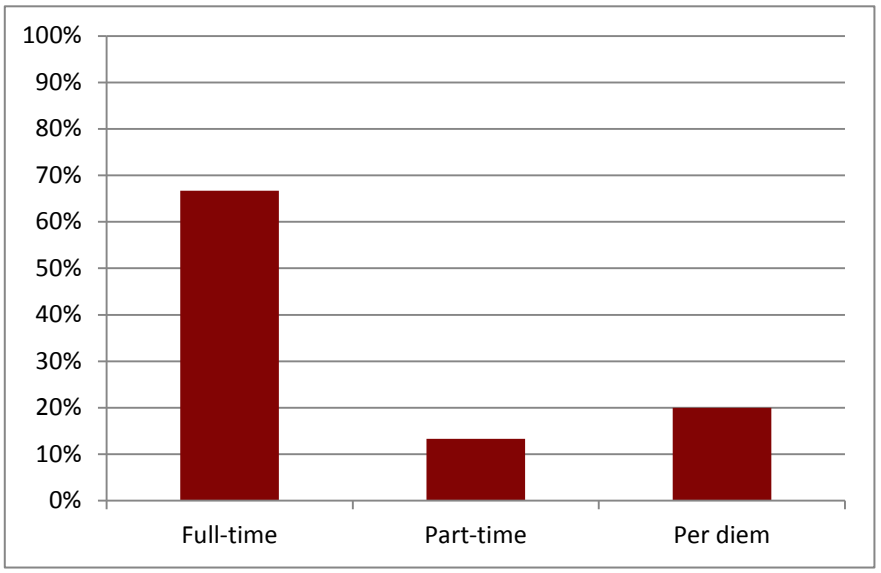


*Note that totals may not add up to 100% due to rounding.

Q11: Is this job full-time, part-time or per diem?

Response	N	Percent
Full-time	10	67%
Part-time	2	13%
Per diem	3	20%
Total	15	100%

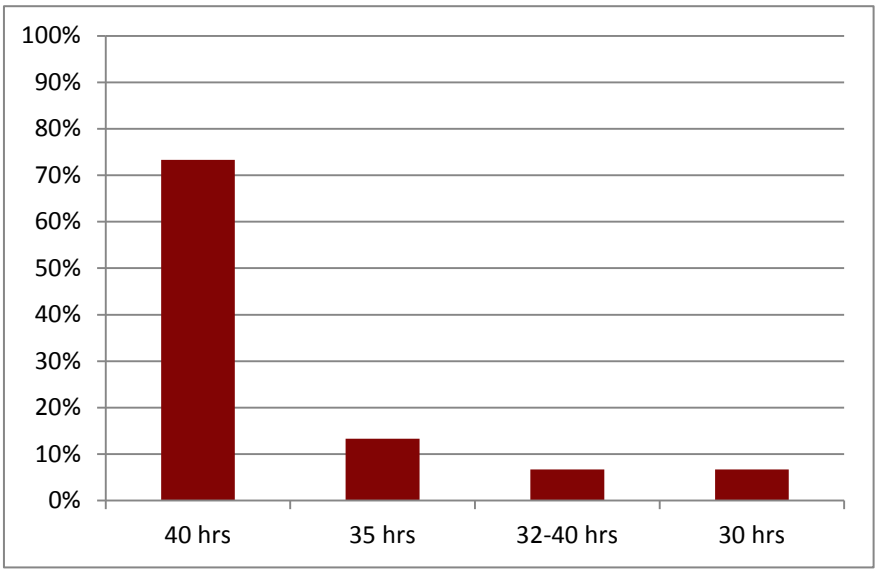
No response: 1



Q12: How many hours per week do you work?

Response	N	Percent
40 hrs	11	73%
35 hrs	2	13%
32-40 hrs	1	7%
30 hrs	1	7%
Total	15	100%

No response: 1

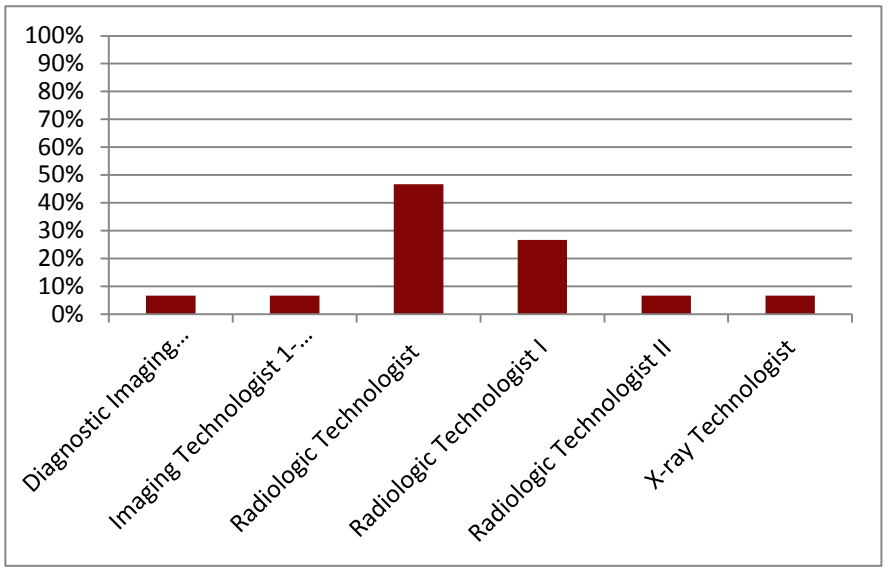


*Note that totals may not add up to 100% due to rounding.

2015 Radiologic Technology
Alumni Survey

Q13: What is your job title?

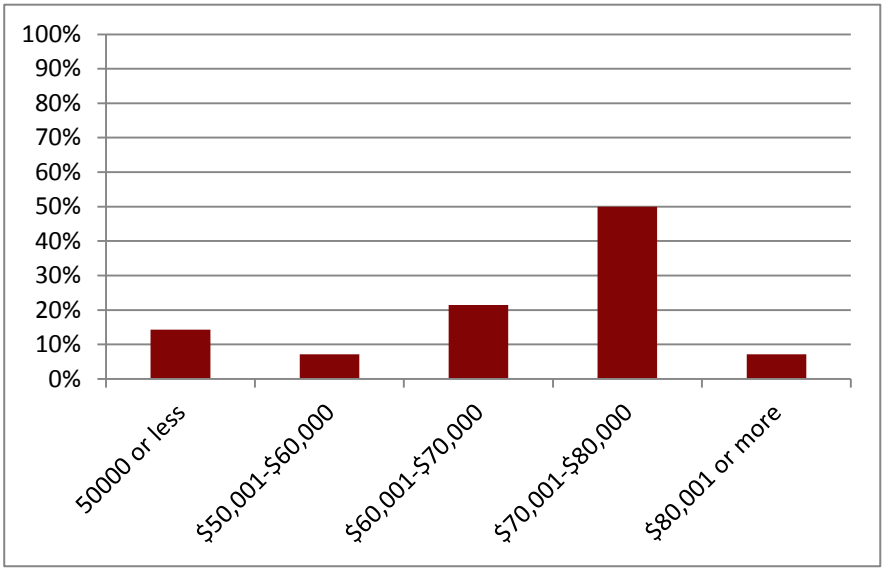
Response	N	Percent
Diagnostic Imaging Technologist I	1	7%
Imaging Technologist 1-Fluoro	1	7%
Radiologic Technologist	7	47%
Radiologic Technologist I	4	27%
Radiologic Technologist II	1	7%
X-ray Technologist	1	7%
Total	15	100%



No response: 1

Q14: What is your average gross yearly salary?

Response	N	Percent
50000 or less	2	14%
$50,001-$60,000	1	7%
$60,001-$70,000	3	21%
$70,001-$80,000	7	50%
$80,001 or more	1	7%
Total	14	100%



No response: 2

Responses include:

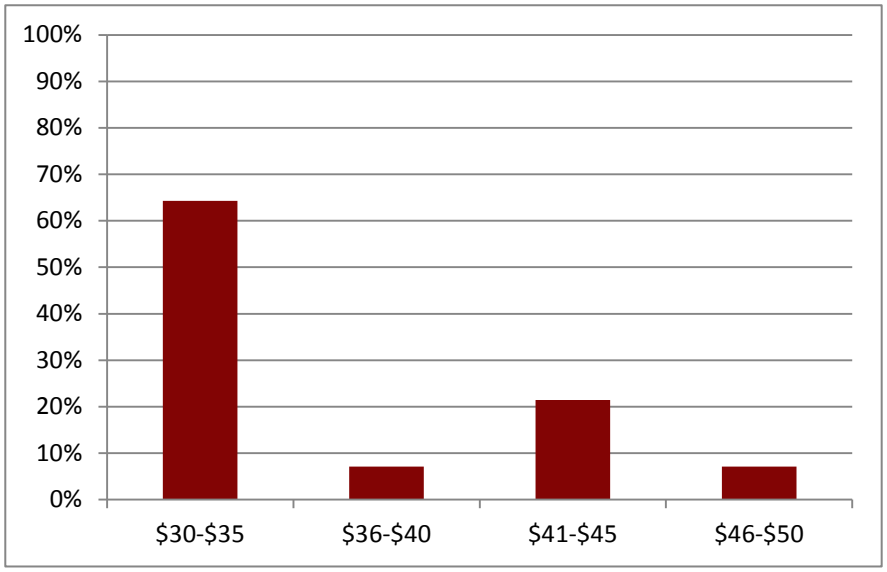
$50K (2), $60K (1), $65K (2), $70K (1), $70.8 K (1), $71K (2), $72K (1), $76.8K (1), $80K (2), $85K (1)

*Note that totals may not add up to 100% due to rounding.

Q15: What is your hourly rate?

Response	N	Percent
$30-$35	9	64%
$36-$40	1	7%
$41-$45	3	21%
$46-$50	1	7%
Total	14	100%

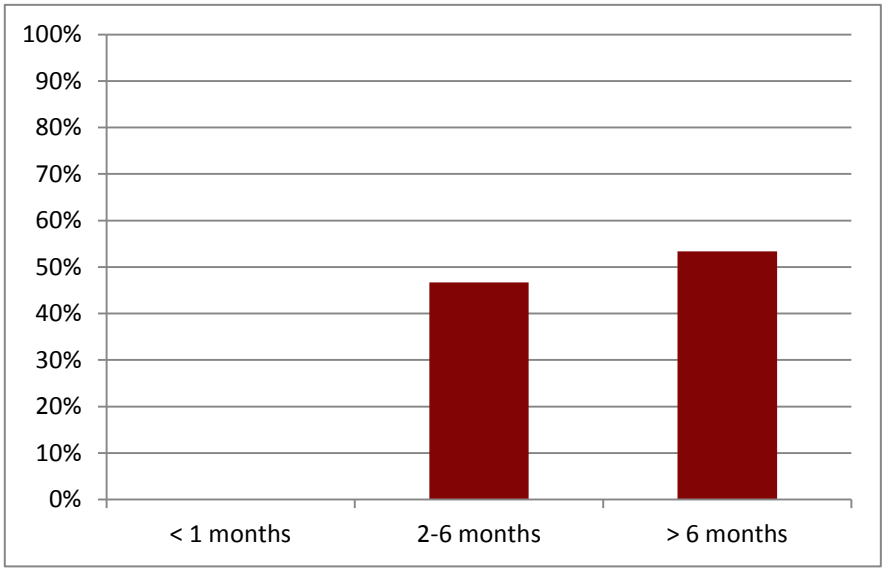
No response: 2
Responses include:
$34 (2), $34.06 (6), $35 (1), $40 (1), $42 (1), $41 (1), $43 (1), $48 (1)



Q16: How long have you been in this position?

Response	N	Percent
< 1 months	0	0%
2-6 months	7	47%
> 6 months	8	53%
Total	15	100%

No response: 1

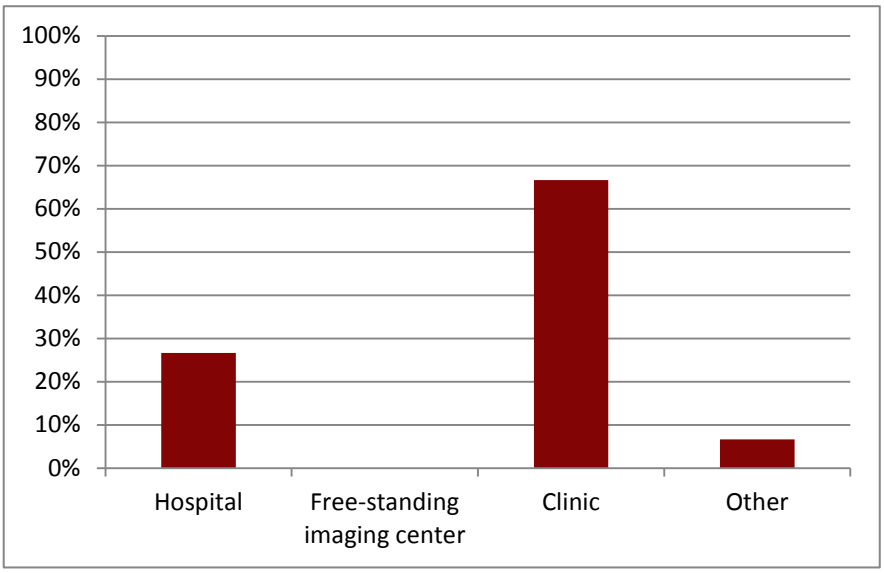


*Note that totals may not add up to 100% due to rounding.

Q17: Which type of facility do you currently work in?

Response	N	Percent
Hospital	4	27%
Free-standing imaging c	0	0%
Clinic	10	67%
Other	1	7%
Total	15	100%

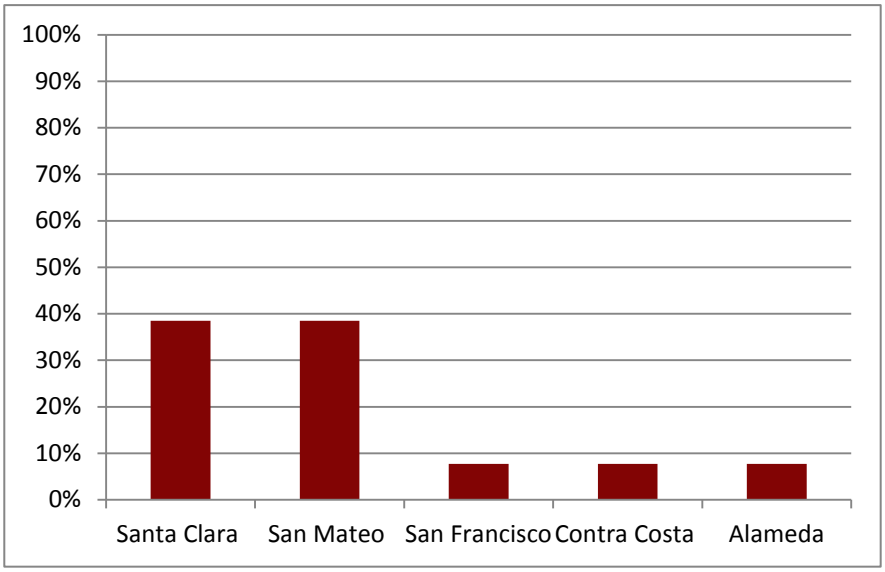
No response: 1



Q18: What county is your workplace located?

Response	N	Percent
Santa Clara	5	38%
San Mateo	5	38%
San Francisco	1	8%
Contra Costa	1	8%
Alameda	1	8%
Total	13	100%

No response: 3



*Note that totals may not add up to 100% due to rounding.

Q19: What do you believe are the strengths of the program? (n=15)

Fantastic instruction.
How it prepares us to find jobs after the program. All the steps.
Preparing us in a well rounded fashion for an entry level tech job.
All teachers were just so knowledgeable and passionate. We also have great facilities, that's what makes this a great program.
I believe the strengths of the program is the clinical rotations. Rotating to different hospital/clinic helps us work with different techs and different types of machine.
The 4 rotations prepare you for many different work environments.
Level one trauma affiliates, exposure to advanced modalities.
Rachelle Campbell and Jenene Key are the strengths of this program. They are extremely knowledgeable, supportive and carrying instructors. I will forever be grateful for their Amazing effort.
It's a very comprehensive program that introduces you to many aspects of radiology.
Going to multiple rotations is an invaluable experience as a student. Repetition of certain principles throughout the program helps solidify the knowledge for the students.
No comment.
The clinical sites and positioning.
The strengths of the program are great positioning skills, proper dose techniques, anatomy terminology and introduction to other modalities.
Education, materials and information needed to be successful in the career, test preparation, exposure to multiple facilities and experiences.
Detail that they give you.

Q20: What ideas do you have for strengthening the program that could have prepared you better for entry-level practice as a radiologic technologist? (n=15)

None.
More OR training and exposure to trauma.

More clinical focus and less theory throughout the program. I didn't start learning how to correct my mistakes until I had more hands on practice. The book is so different than practice.
Definitely just more OR.
N/A
None
More clinical hours during the first year.

I wish I had more time in the OR. My total experience in OR was two weeks. Also, Foothill should stay aware of how students are being treated at the clinical sights. There were times when a few of us had to deal with unnecessary stress with hospital staff that was simply horrible to students.
Concentrate more on real life applications (how to actually fix something).
The programs requirement for perfection (competencies, clinical grades, etc.) puts an unreasonable amount of pressure on the students. There were many students that struggled, thought of quitting, or even did quit the program that could have made excellent technologists if they had more support from the program and less pressure for perfection.
No comment.

Make Fluoro class closer to graduation time.
More OR time with the C-Arm and more interactive class participation rad review in class rather than mostly online portion. Overall Foothill is a great program and students are given sufficient time in all areas of the radiology department.

More focus on developing relationships and connecting with people as that is how jobs are received as it's more about who you know than how good you are provided your at least competent. Grades hardly matter when getting a job but working hard, having good enough skills at the job and working well with people do much more and of course making friends, being easy to work with and learning to hang out and have fun with Tech's and Supervisors. Less focus on presentations and non essential assignments that are not used in very day Rad Tech jobs and spend more time getting hands on experience especially towards the end with as little supervision as is legally allowable to help Students transition from always having someone looking over their shoulder approving every image so they can learn to be more independent, self assured and able to trouble shoot and figure solutions out on their own.
Positive reinforcement builds stronger techs, than intimidation.

Radiologic Technology
Employer Survey

Q1: Rate your overall satisfaction with your Foothill graduates.

Response	N	Percent
Excellent	1	25%
Good	3	75%
Fair	0	0%
Unsatisfactory	0	0%
Total	4	100%

Q2: The graduate demonstrates acceptable clinical performance and knowledge in the areas of equipment operation, quality control, image production and evaluation.

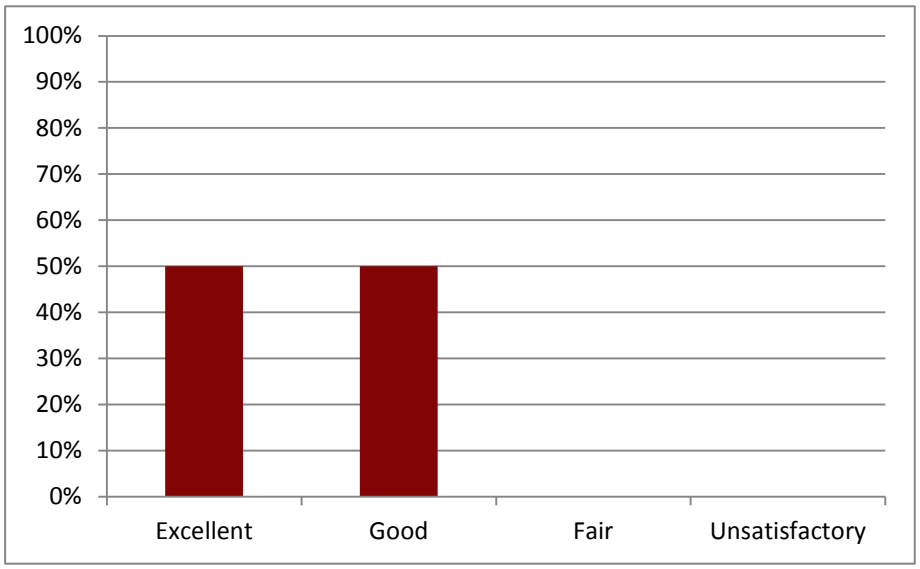
Response	N	Percent
Excellent	1	25%
Good	3	75%
Fair	0	0%
Unsatisfactory	0	0%
Total	4	100%

*Note that totals may not add up to 100% due to rounding.

Administered 05.13.2015 to 06.10.2015
Report 07.20.2015

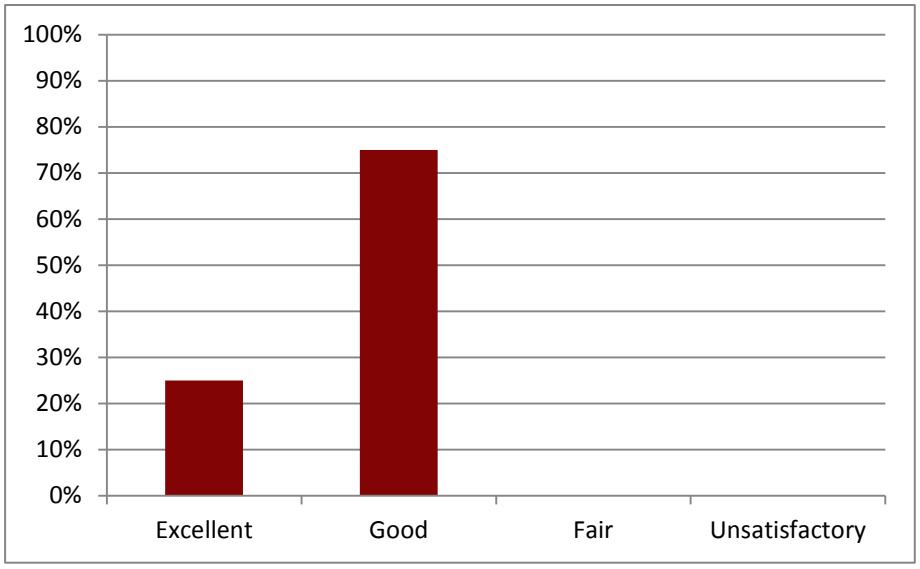
Q3: The graduate's communication skills encourage positive interpersonal relationships with peers, co-workers and patients.

Response	N	Percent
Excellent	2	50%
Good	2	50%
Fair	0	0%
Unsatisfactory	0	0%
Total	4	100%



Q4: The graduate's problem solving and critical thinking skills developed during the program were sufficient for entry-level practice.

Response	N	Percent
Excellent	1	25%
Good	3	75%
Fair	0	0%
Unsatisfactory	0	0%
Total	4	100%



*Note that totals may not add up to 100% due to rounding.

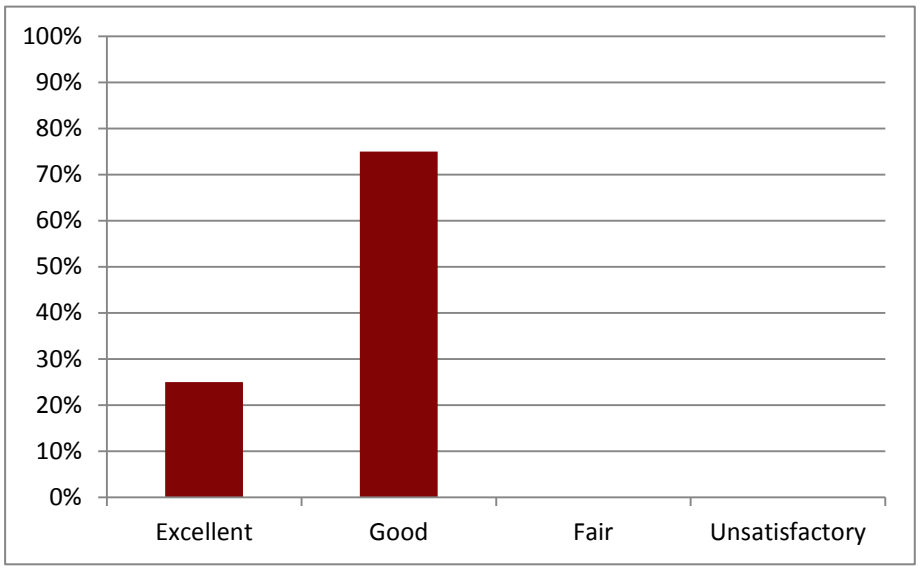
Radiologic Technology
Employer Survey

Q5: The graduate applies proper radiation safety for patient, self and others.

Response	N	Percent
Excellent	2	50%
Good	1	25%
Fair	1	25%
Unsatisfactory	0	0%
Total	4	100%

Q6: The graduate is aware of patient rights and administers patient care in an ethical, comforting and competent manner.

Response	N	Percent
Excellent	1	25%
Good	3	75%
Fair	0	0%
Unsatisfactory	0	0%
Total	4	100%



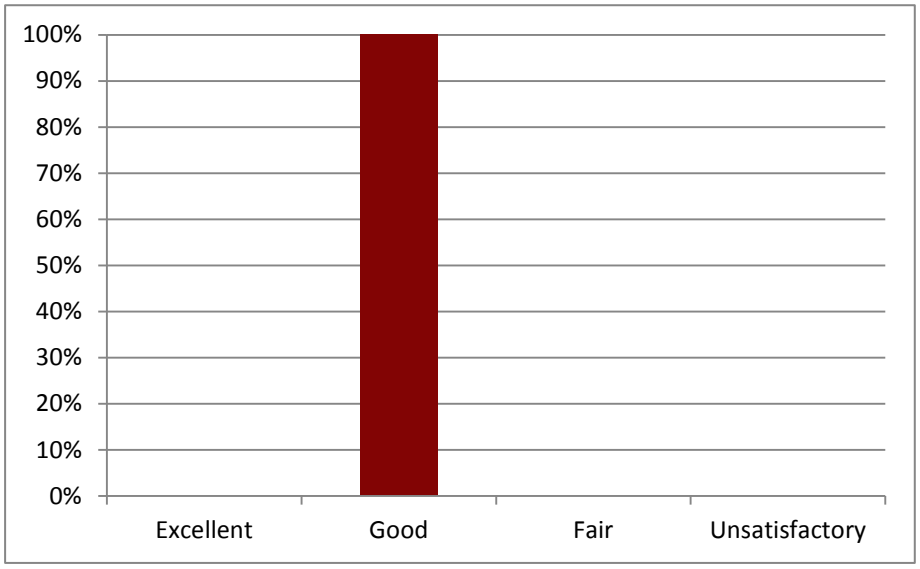
*Note that totals may not add up to 100% due to rounding.

Administered 05.13.2015 to 06.10.2015
Report 07.20.2015

Q7: The graduate demonstrates professionalism.

Response	N	Percent
Excellent	0	0%
Good	3	100%
Fair	0	0%
Unsatisfactory	0	0%
Total	3	100%

No response: 1



Q8: The graduate demonstrates interest in professional development, advance technology and life-long learning.

Response	N	Percent
Excellent	2	50%
Good	2	50%
Fair	0	0%
Unsatisfactory	0	0%
Total	4	100%

Q9: Please give any ideas you have for strengthening the program. (n=2)

Please do not encourage the students to use sick time as time off. One new hire thought this was a standard practice; her instructor at the College encouraged her to use her sick time or lose it.

I believe that the Foothill Program is the gold standard of all schools. I am confident that the staff at Foothill are always looking to comply to the higher and higher standards of the industry. The(y) appear to have a proactive approach to this matter.

*Note that totals may not add up to 100% due to rounding.

FOOTHILL COLLEGE

RADIOLOGIC TECHNOLOGY PROGRAM
ASSESSMENT 7
GRADUATE SURVEY

This graduate survey form has been developed as part of the assessment plan for the Radiologic Technology program. The purpose of this evaluation is to provide the program with information about your views regarding the quality of your education and how well it prepared you for employment. For any question where you disagree or strongly disagree, we encourage you to provide comments explaining how you think the program can make improvements.

We sincerely thank you for taking time to complete this survey. Your participation is voluntary.

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1. The overall knowledge gained from the program was sufficient for entry-level practice.

- ○ Strongly Agree
- ○ Agree
- ○ Disagree
- ○ Strongly Disagree

Comments:

2. Knowledge gained during the program in the areas of equipment operation, quality control, image production and image evaluation were sufficient for entry-level practice.

- ○ Strongly Agree
- ○ Agree
- ○ Disagree
- ○ Strongly Disagree

Comments:

3. Communication skills developed during the program encouraged positive interpersonal relationships with peers, co-

workers, and patients.

- Strongly Agree
- Agree
- Disagree
- Strongly Disagree

Comments:

4. Problem solving and critical thinking skills developed during the program were sufficient for entry-level practice.

- Strongly Agree
- Agree
- Disagree
- Strongly Disagree

Comments:

5. Knowledge gained during the program developed your abilities for proper radiation safety for patient, self, and others.

- Strongly Agree
- Agree
- Disagree
- Strongly Disagree

Comments:

6. Knowledge acquired during the program informed you of patient rights and the administration of patient care in an ethical, comforting and competent manner.

- Strongly Agree
- Agree
- Disagree

- Strongly Disagree

Comments:

7. The program adequately prepared you for the CRT / ARRT examination.

- Strongly Agree
- Agree
- Disagree
- Strongly Disagree

Comments:

8. The program introduced you to continuing education and other life-long learning opportunities.

- Strongly Agree
- Agree
- Disagree
- Strongly Disagree

Comments:

9. The program introduced you to advanced imaging modalities (CT, Angiography, MRI and Mammography).

- Strongly Agree
- Agree
- Disagree
- Strongly Disagree

Comments:

Foothill Institutional Research and Planning

Updated 05/12/15

FOOTHILL COLLEGE

RADIOLOGIC TECHNOLOGY PROGRAM
ASSESSMENT 8
EMPLOYER EVALUATION OF GRADUATES

As part of our program review, an annual survey is conducted to gather data about the work performance of our graduates. We are asking that you complete the following questionnaire in relation to our most recent graduates as entry-level employees.

This information will only be used for the purpose of continuous program improvement. We appreciate your support in this process.

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1. Rate your overall satisfaction with your Foothill Graduates:

- ○ Excellent
- ○ Good
- ○ Fair
- ○ Unsatisfactory

2. The graduate demonstrates acceptable clinical performance and knowledge in the areas of equipment operation, quality control, image production and evaluation.

- ○ Excellent
- ○ Good
- ○ Fair
- ○ Unsatisfactory

3. The graduate's communication skills encourage positive interpersonal relationships with peers, co-workers, and patients.

- ○ Excellent
- ○ Good
- ○ Fair
- ○ Unsatisfactory

4. The graduate's problem solving and critical thinking skills developed during the program were sufficient for entry-level practice.

- Excellent
- Good
- Fair
- Unsatisfactory

5. The graduate applies proper radiation safety for patient, self and others.

- Excellent
- Good
- Fair
- Unsatisfactory

6. The graduate is aware of patient rights and administrates patient care in an ethical, comforting and competent manner.

- Excellent
- Good
- Fair
- Unsatisfactory

7. The graduate demonstrates professionalism.

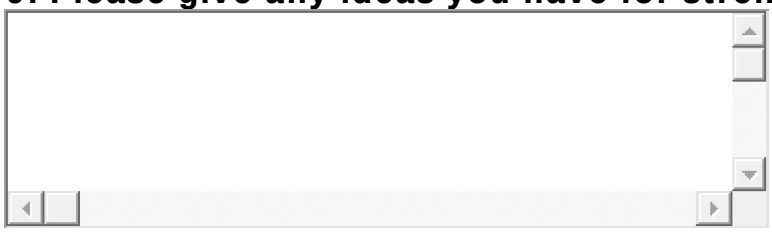
- Excellent
- Good
- Fair
- Unsatisfactory

8. The graduate demonstrates interest in professional development, advanced technology and life-long learning.

- Excellent
- Good
- Fair

Unsatisfactory

9. Please give any ideas you have for strengthening the program.



Foothill Institutional Research and Planning

Updated 05/12/2015