FOOTHILL COLLEGE
Institutional Research and Planning

DATE: August 23, 2016

TO: Bonny Wheeler, Instructor, Radiologic Technology

FROM: Joanne Du, Research Assistant
Elaine Kuo, Institutional Research

RE: Radiologic Technology (RT) Survey Results 2016

Overview

Recent graduates from the Radiologic Technology (RT) program along with employers affiliated with this program were surveyed during Spring 2016 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 19 respondents to the Alumni survey and eight for the Employer survey.

Highlights

Alumni

- All 19 respondents either "strongly agree" or "agree" that they have gained sufficient knowledge for entry-level practice in areas of equipment operation, quality control, image production and image evaluation. Although all agreed, one respondent did leave a comment about "including a baseline technique that could be a starting point for an average patient."
- All respondents "strongly agree" that the knowledge they gained from the program developed their abilities for proper radiation safety.
- All 19 program alumni currently hold jobs as radiologic technologists. About three-fourths (74%) of the alumni report having a job title of "Radiologic Technologist," "Radiologic Technologist I" or "Radiologic Technologist II".
- Three-fourths of alumni work full-time (74%), while only 11% work per diem.
- The majority (77%) of respondents work in Santa Clara (59%) or Palo Alto (18%) County. Almost all work in the Bay Area, with only one respondent working in Texas.
- A majority of the respondents work in a hospital setting (84%); and a majority have also been working in their current position for more than 6 months (79%).
- More than half (53%) of the alumni are making an average gross yearly salary of $71,000-$90,000 or a roughly hourly wage of $41-$50 (61%).
- When asked for ideas on how to strengthen the program, alumni cited "more OR" training would be beneficial.

Employer

- Three-fourths of the respondents (75%) rated their overall satisfaction with Foothill graduates as "excellent," especially for the graduates' clinical performance and knowledge in areas of equipment operation, quality control, image production and evaluation, and for their awareness of patient rights, administering patient care in an ethical, comforting, and competent manner.
- More than half of the employers (63%) rated the graduates' developing problem solving and critical thinking skills as "good" for entry-level practice.

Methodology

The two surveys were administered from May 9, 2016 to June 5, 2016. 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.

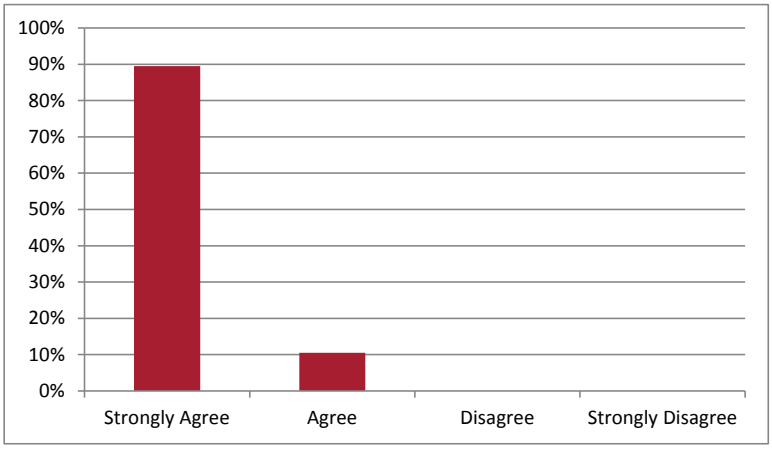
Source

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

2016 Radiologic Technology
Alumni Survey

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

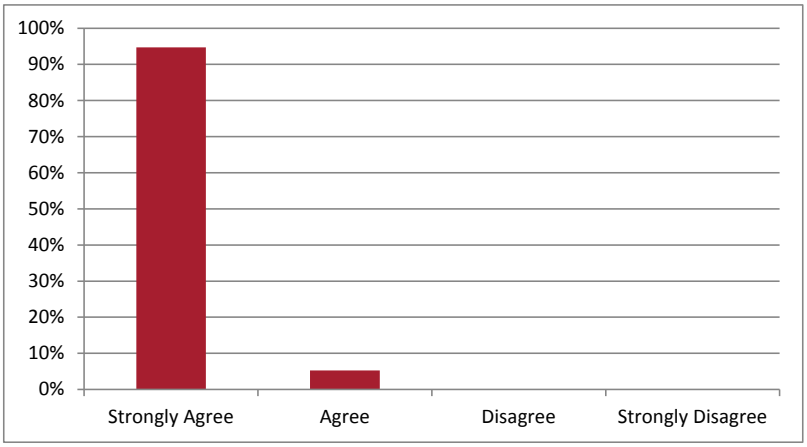
Response	N	Percent
Strongly Agree	17	89%
Agree	2	11%
Disagree	0	0%
Strongly Disagree	0	0%
Total	19	100%



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	18	95%
Agree	1	5%
Disagree	0	0%
Strongly Disagree	0	0%
Total	19	100%

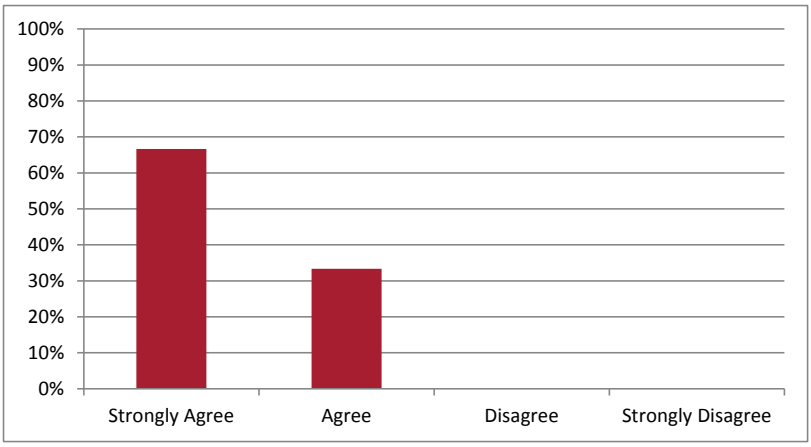
Comment: "Need to include a baseline technique that could be a starting point for an avg patient."



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

Response	N	Percent
Strongly Agree	12	67%
Agree	6	33%
Disagree	0	0%
Strongly Disagree	0	0%
Total	18	100%

Note: One person did not respond

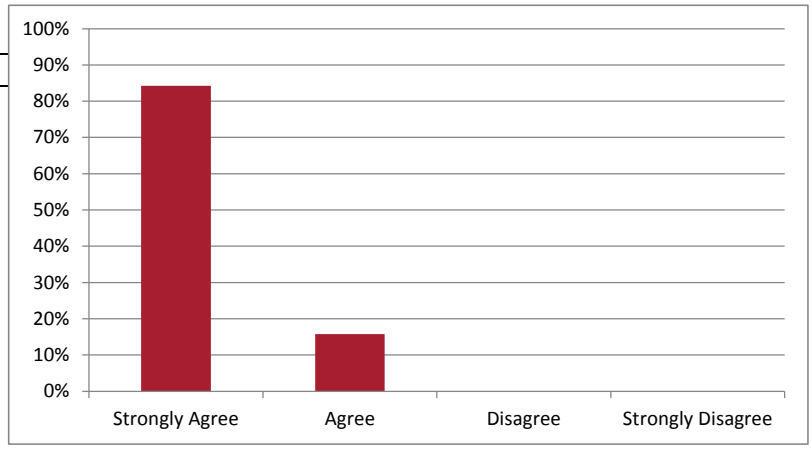


*Note that totals may not add up to 100% due to rounding.

Administered 05.13.2015 to 06.10.2015
Report 07.20.2015

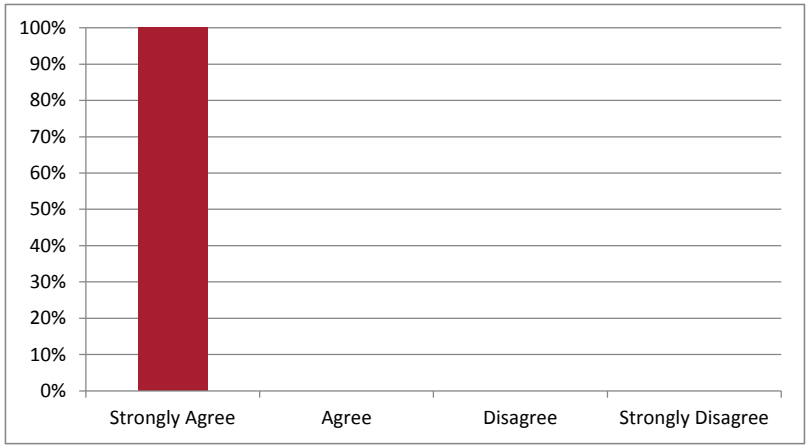
Q4: Problem solving and critical thinking skills developed during the program were sufficient for entry-level practice.

Response	N	Percent
Strongly Agree	16	84%
Agree	3	16%
Disagree	0	0%
Strongly Disagree	0	0%
Total	19	100%



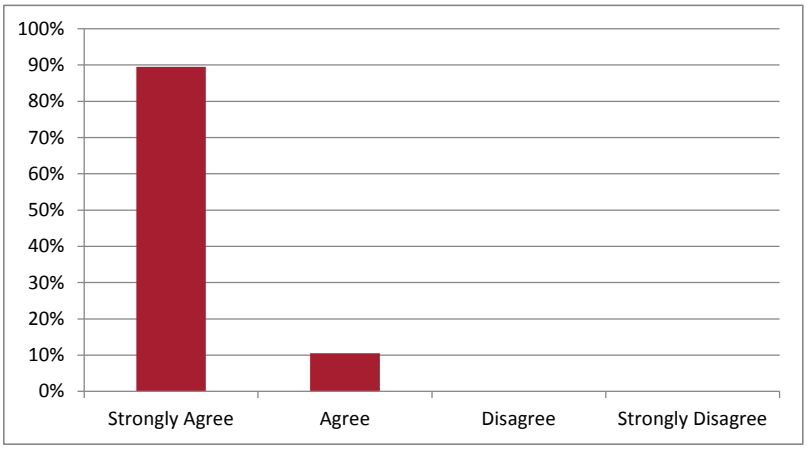
Q5: Knowledge gained during the program developed your abilities for proper radiation safety for patient, self and others.

Response	N	Percent
Strongly Agree	19	100%
Agree	0	0%
Disagree	0	0%
Strongly Disagree	0	0%
Total	19	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	17	89%
Agree	2	11%
Disagree	0	0%
Strongly Disagree	0	0%
Total	19	100%

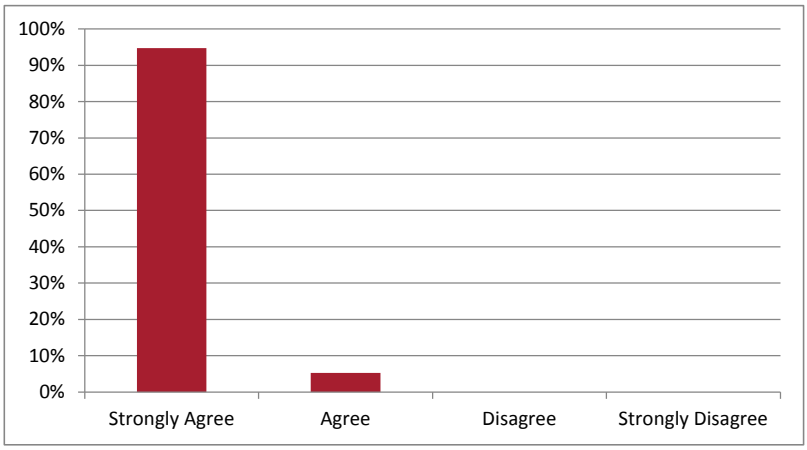


*Note that totals may not add up to 100% due to rounding.

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

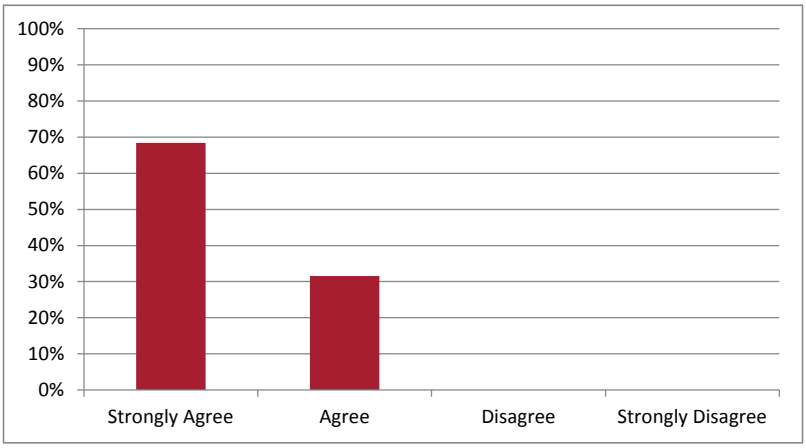
Response	N	Percent
Strongly Agree	18	95%
Agree	1	5%
Disagree	0	0%
Strongly Disagree	0	0%
Total	19	100%

Comment: "Especially prepared for the fluoro exam."



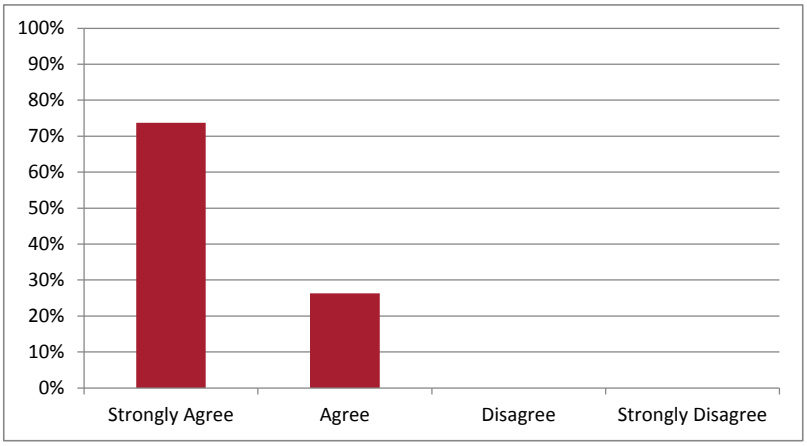
Q8: The program introduced you to continuing education and other life-long learning opportunities.

Response	N	Percent
Strongly Agree	13	68%
Agree	6	32%
Disagree	0	0%
Strongly Disagree	0	0%
Total	19	100%



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

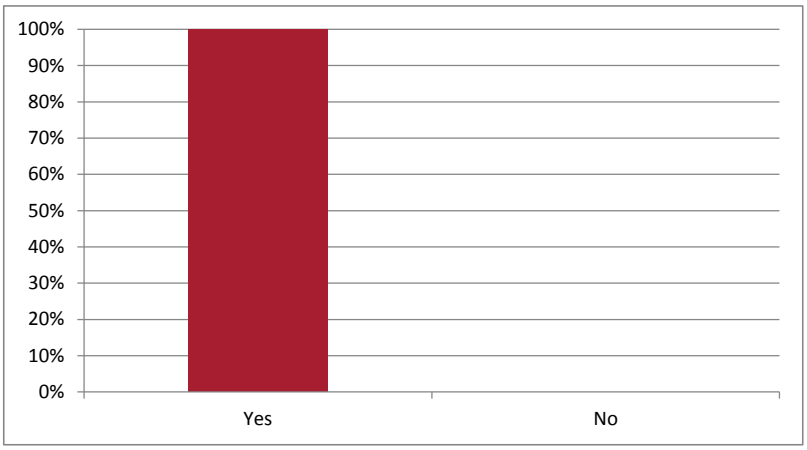
Response	N	Percent
Strongly Agree	14	74%
Agree	5	26%
Disagree	0	0%
Strongly Disagree	0	0%
Total	19	100%



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

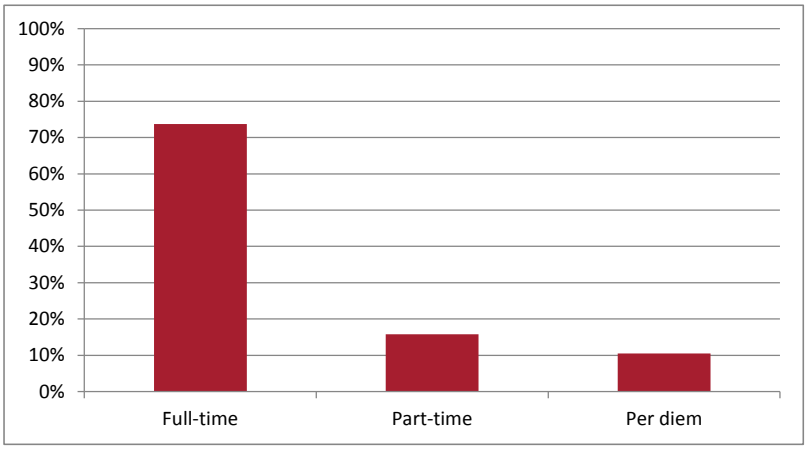
Q10: Do you have a job as a radiologic technologist?

Response	N	Percent
Yes	19	100%
No	0	0%
Total	19	100%



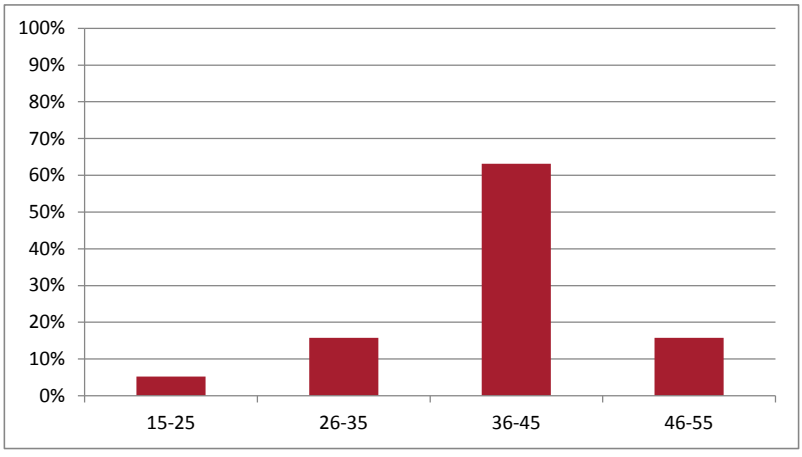
Q11: Is your radiologic technologist position:

Response	N	Percent
Full-time	14	74%
Part-time	3	16%
Per diem	2	11%
Total	19	100%



Q12: How many hours per week do you work?

Response	N	Percent
15-25	1	5%
26-35	3	16%
36-45	12	63%
46-55	3	16%
Total	19	100%

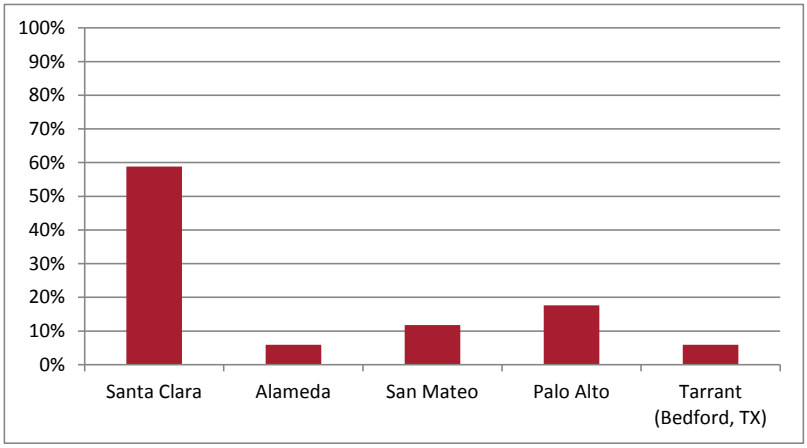


*Note that totals may not add up to 100% due to rounding.

Q13: What county if your workplace located?

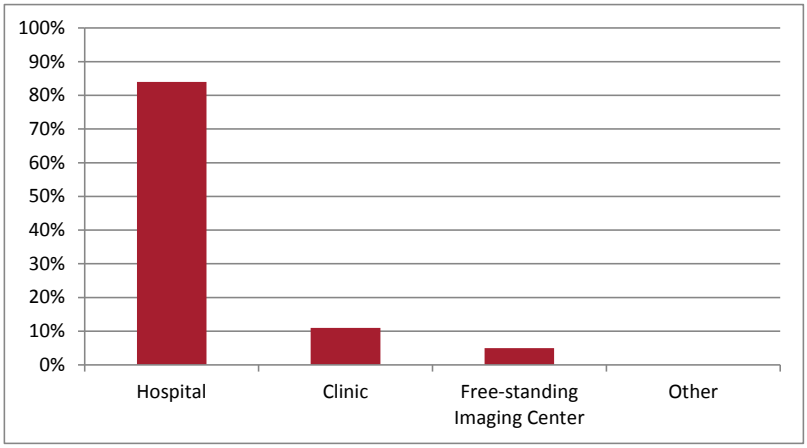
Response	N	Percent
Santa Clara	10	59%
Alameda	1	6%
San Mateo	2	12%
Palo Alto	3	18%
Tarrant (Bedford, TX)	1	6%
Total	17	100%

Note: Two people said "USA" and one said "traveler"



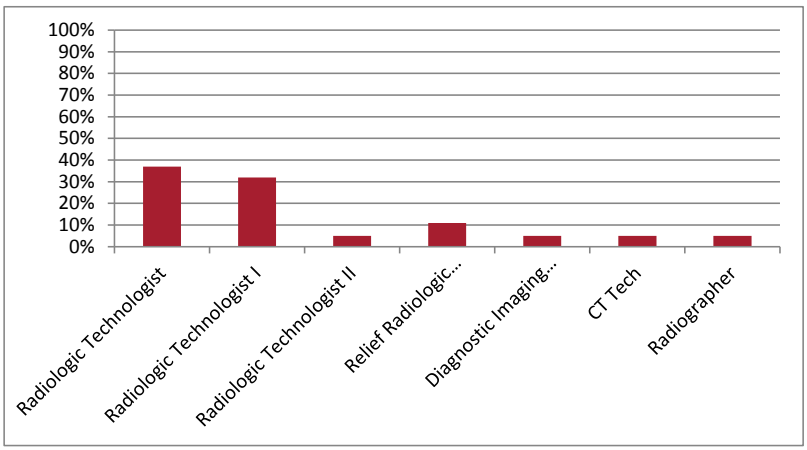
Q14: Which type of facility do you currently work in?

Response	N	Percent
Hospital	16	84%
Clinic	2	11%
Free-standing Imaging Center	1	5%
Other	0	0%
Total	19	100%



Q15: What is your current job title?

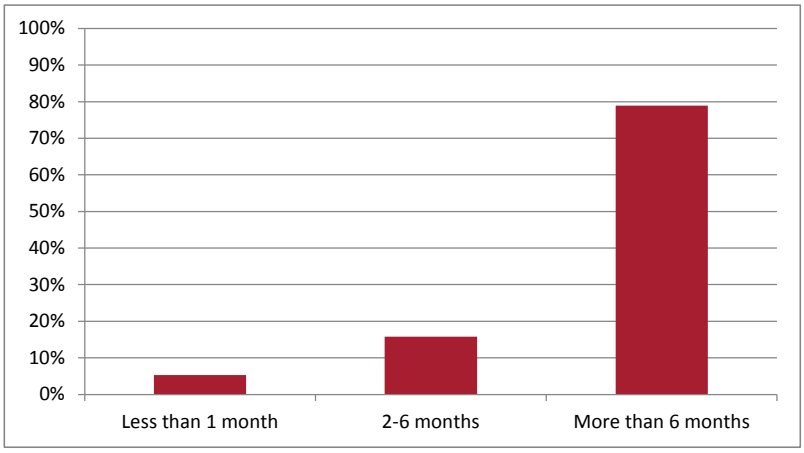
Response	N	Percent
Radiologic Technologist	7	37%
Radiologic Technologist I	6	32%
Radiologic Technologist II	1	5%
Relief Radiologic Technologist	2	11%
Diagnostic Imaging Technologist	1	5%
CT Tech	1	5%
Radiographer	1	5%
Total	19	100%



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

Q16: How long have you been in this position?

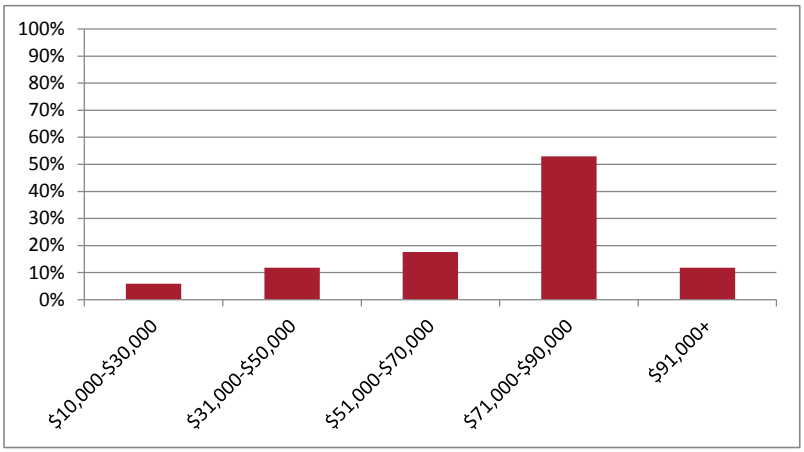
Response	N	Percent
Less than 1 month	1	5%
2-6 months	3	16%
More than 6 months	15	79%
Total	19	100%



Q17: What is the average gross yearly salary at your current position?

Response	N	Percent
$10,000-$30,000	1	6%
$31,000-$50,000	2	12%
$51,000-$70,000	3	18%
$71,000-$90,000	9	53%
$91,000+	2	12%
Total	17	100%

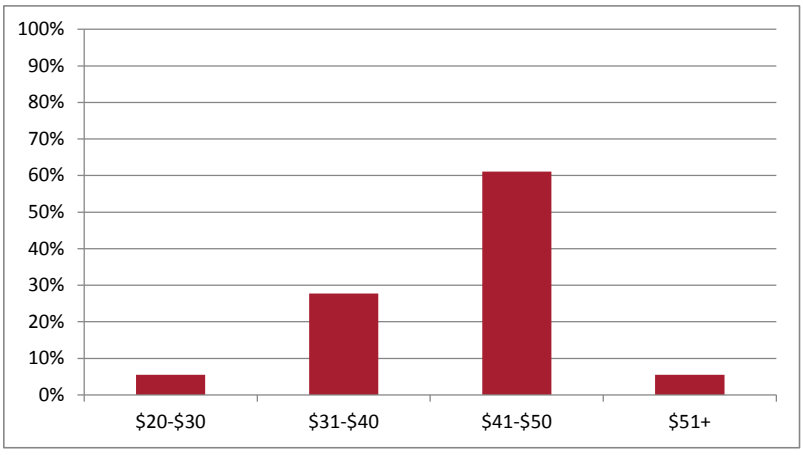
Note: Two people did not respond



Q18: What is the hourly wage at your current position?

Response	N	Percent
$20-$30	1	6%
$31-$40	5	28%
$41-$50	11	61%
$51+	1	6%
Total	18	100%

Note: One person did not respond

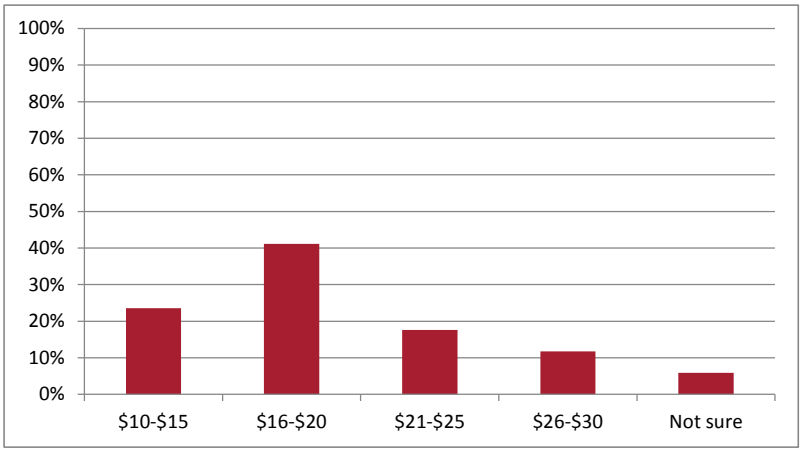


*Note that totals may not add up to 100% due to rounding.

Q19: What was the hourly wage of your job before completing your radiological technology coursework?

Response	N	Percent
$10-$15	4	24%
$16-$20	7	41%
$21-$25	3	18%
$26-$30	2	12%
Not sure	1	6%
Total	17	100%

Note: Two people did not respond



Q20: List what you believe to be the strengths of the program

"Great learning environment Excellent teachers Good comradery."
"The Radiologic Technology program has really empowered me as a technologist and I am very thankful for that everyday."

"I must say this is one of the best programs in the Bay Area. The structure of it is so strong. As a student, each curriculum did not exactly make sense, but in the end, it all came together as to why we needed each part. I think the strictness of the program made the students turn out great."
"Curriculum."
"Very organized and diligent."
"Clinical internships and classes."
"High quality educators Excellent affiliates."
"Passionate instructors; testing format comparable to ARRT; image analysis for repeat assessment."
"Well rounded knowledge in many current exams and protocols. The program gave enough experience to adapt to most any type of facility and equipment."
"REPITION of EXAMS and information. Throughness."
"Technical knowledge, patient care, professionalism."
"Cert test prep."
"The program exposed us to different types of hospital/clinics so that rounded experience and strengthen our skills with speed and critical thinking."

Q21: Share any ideas you have for strengthening the program so you could have been more prepared for an entry-level practice as a Radiologic Technologist.

"More OR training "Outside the box" thinking or methods."
"More exposure to c-arm."
"More time in other modalities."
"More discussion about technique selection and less reliance on AEC."
"I am very satisfied with my education and can't think of anything I would change."
"Have the visiting faculty observe the students closely for their performance from a distance. Confidence is reduced when anyone is micro managed."
"More OR time."
"More weekends and or evenings."
"More OR and trauma."
"1st years should have more clinic days."

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

2016 Radiologic Technology
EmployerSurvey

Q1: Rate your overall satisfaction with your Foothill graduates.

Response	N	Percent
Excellent	6	75%
Good	2	25%
Fair	0	0%
Unsatisfactory	0	0%
Total	8	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	6	75%
Good	2	25%
Fair	0	0%
Unsatisfactory	0	0%
Total	8	100%

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

Administered 05.13.2016 to 06.10.2016
Report 07.20.2016

2016 Radiologic Technology
EmployerSurvey

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

Response	N	Percent
Excellent	5	63%
Good	3	38%
Fair	0	0%
Unsatisfactory	0	0%
Total	8	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	3	38%
Good	5	63%
Fair	0	0%
Unsatisfactory	0	0%
Total	8	100%

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

Administered 05.13.2016 to 06.10.2016
Report 07.20.2016

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

Response	N	Percent
Excellent	6	86%
Good	1	14%
Fair	0	0%
Unsatisfactory	0	0%
Total	7	100%

Note: One person did not respond

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

Response	N	Percent
Excellent	6	75%
Good	2	25%
Fair	0	0%
Unsatisfactory	0	0%
Total	8	100%

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

Q7: The graduate demonstrates professionalism.

Response	N	Percent
Excellent	5	63%
Good	3	38%
Fair	0	0%
Unsatisfactory	0	0%
Total	8	100%

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

Response	N	Percent
Excellent	6	75%
Good	2	25%
Fair	0	0%
Unsatisfactory	0	0%
Total	8	100%

Q9: Please give any ideas you have for strengthening the program.

"The graduate's we've had are excellent technically and as a professional staff member. I would say they are both intuitive and possess a level of critical thinking that make them trustworth and dependable. They treat their peers and patients with dignity and respect."

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