



OAKLAND
COMMUNITY
COLLEGE

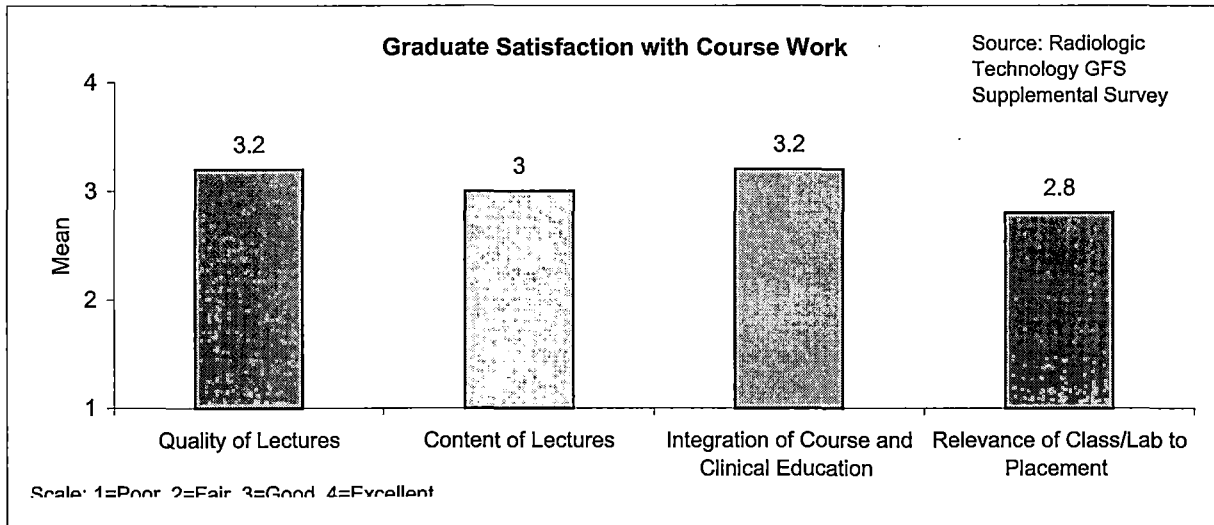
Graduate Follow-up Study:
Radiologic Technology Program
2000-2001

Prepared by
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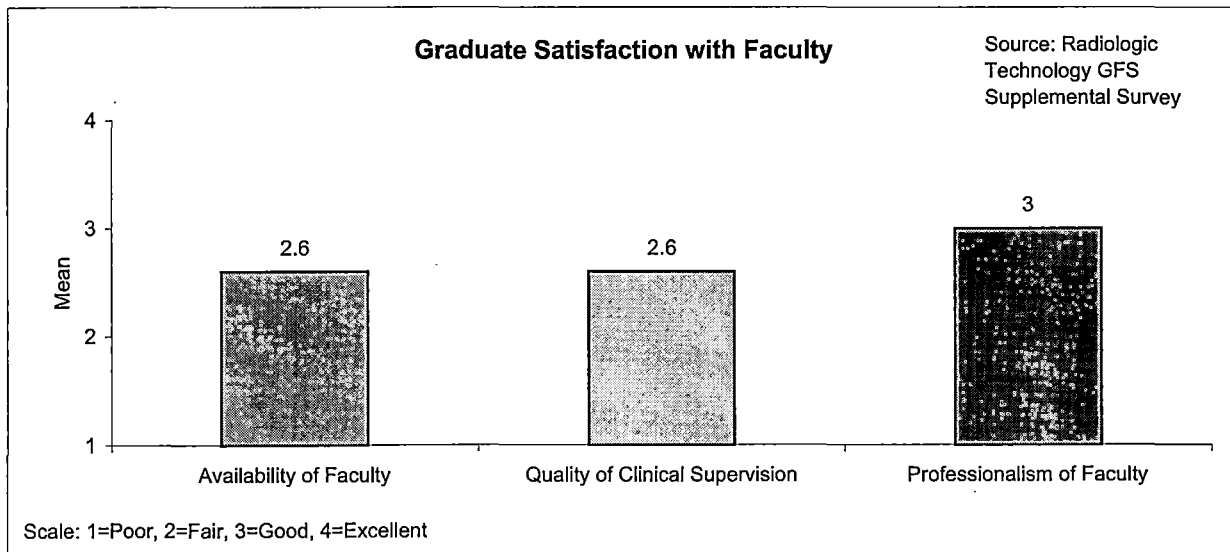
June, 2002

Oakland Community College
Radiologic Technology Program

The following is a summary of the data collected from the 2000-2001 Graduate Follow-up Survey (GFS), a questionnaire given to OCC graduates regarding their educational experiences and a supplemental Radiologic Technology specific Graduate Follow-up Survey. These questionnaires are administered one year after graduation. A total of 19 individuals responded to the general Graduate Follow-up Survey and five graduates completed the program specific supplemental survey. Responses are summarized below.



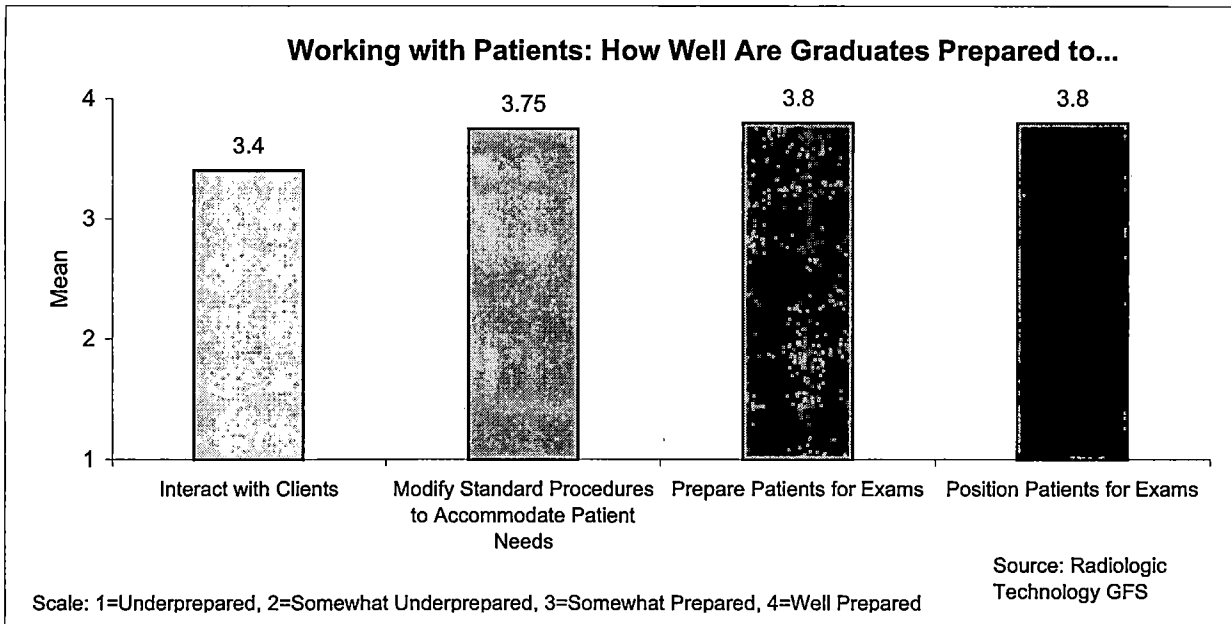
Most Radiologic Technology Graduates reported that the quality of lectures, content of lectures, integration of course and clinical education and relevance of classroom/laboratory material to clinical placement were "good" or "excellent". In addition, of the Radiologic Technology graduates who completed the general Graduate Follow-up Survey, all stated that they were "very satisfied" with the courses in their major field of study.



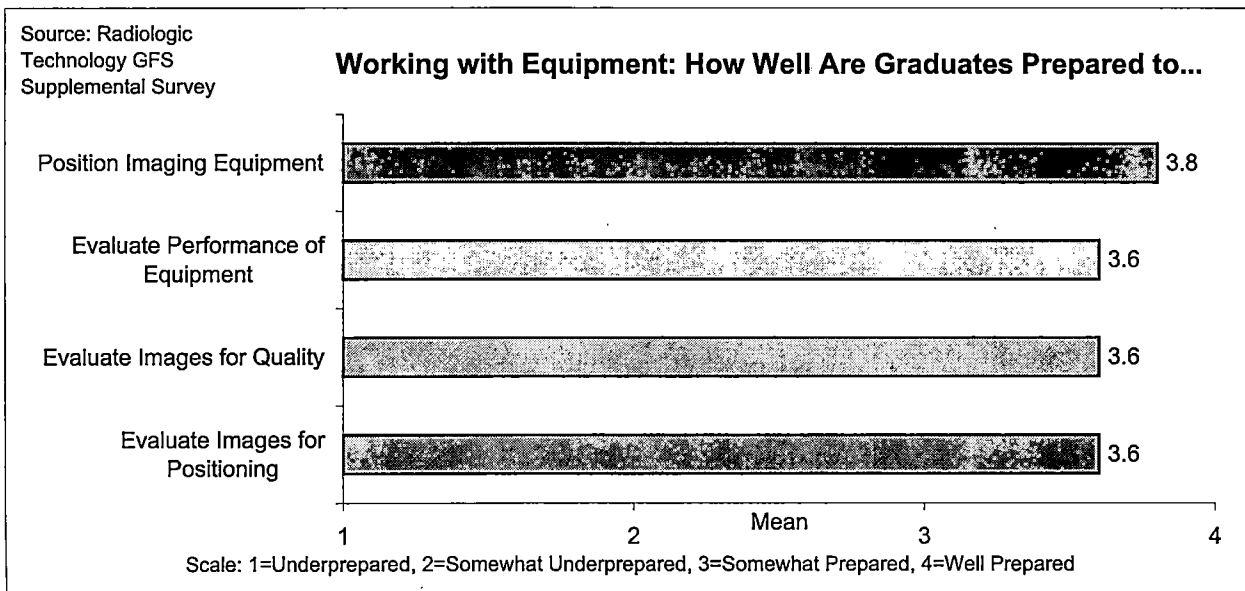
Radiologic Technology Graduates generally rated of the "availability of faculty" and the "quality of clinical supervision" as fair to good. Most respondents also reported that the "professionalism of the faculty" was good.

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In the supplemental Radiologic Technology GFS survey, graduates were asked how well their program prepared them for a future career in this field. The following is a summary of their responses.



Graduates appear to feel well prepared to work with patient populations. They are most confident when positioning and preparing patients for exams. They also reported that they felt well-prepared to modify standard procedures to accommodate patient needs and to interact with clients.

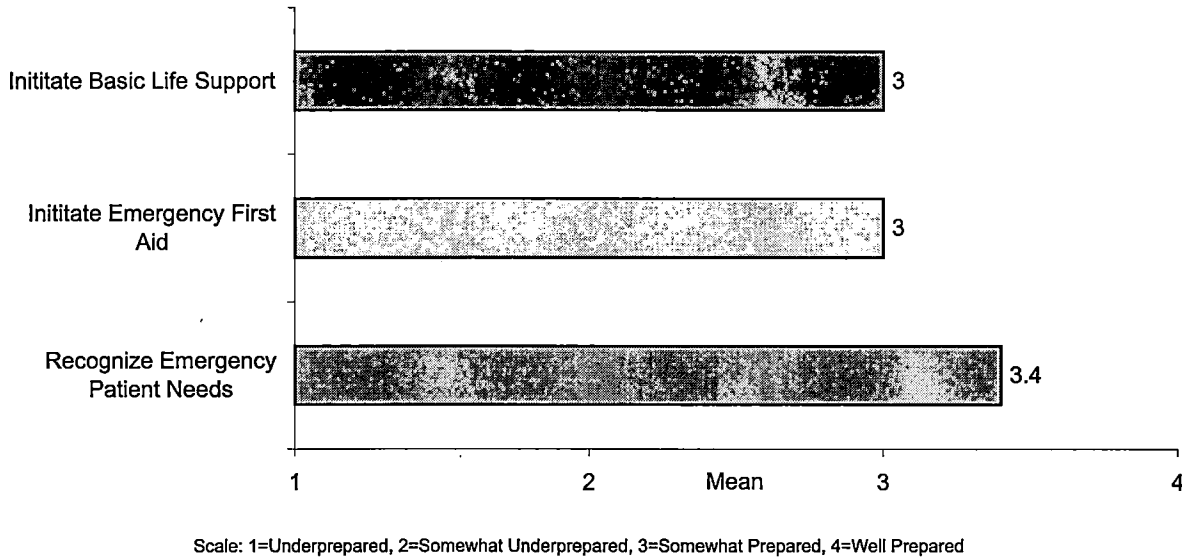


The majority of Radiologic Technology graduates reported that they were well-prepared to position imaging equipment, evaluate performance of equipment, evaluate images for quality and evaluate images for positioning.

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Source: Radiologic
Technology GFS
Supplemental Survey

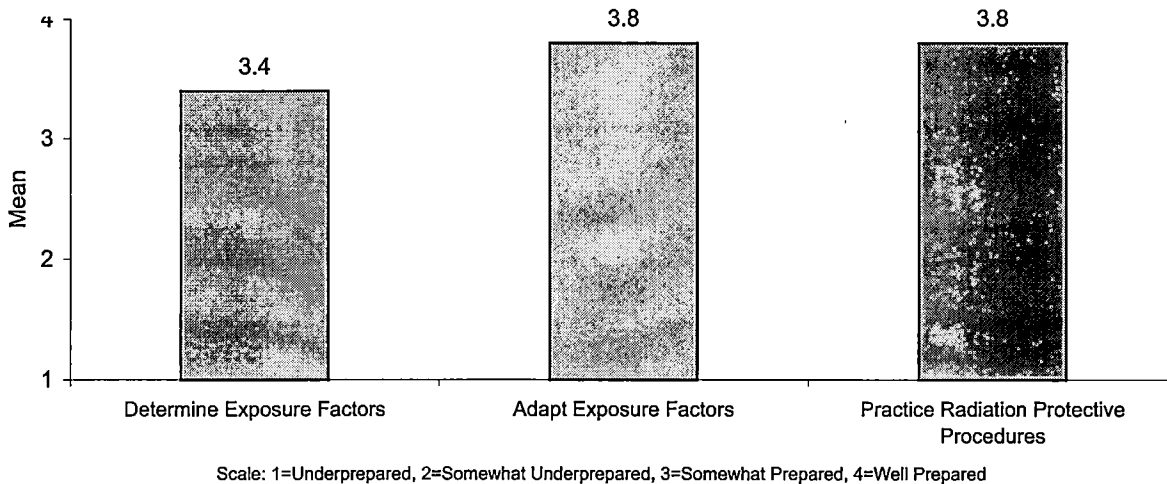
**Working with Patient Emergencies: How Well
Are Graduates Prepared to...**



In general, graduates indicated that they felt "somewhat prepared" to handle emergency situations such as recognizing emergency patient needs, initiating emergency first aid and initiating basic life support.

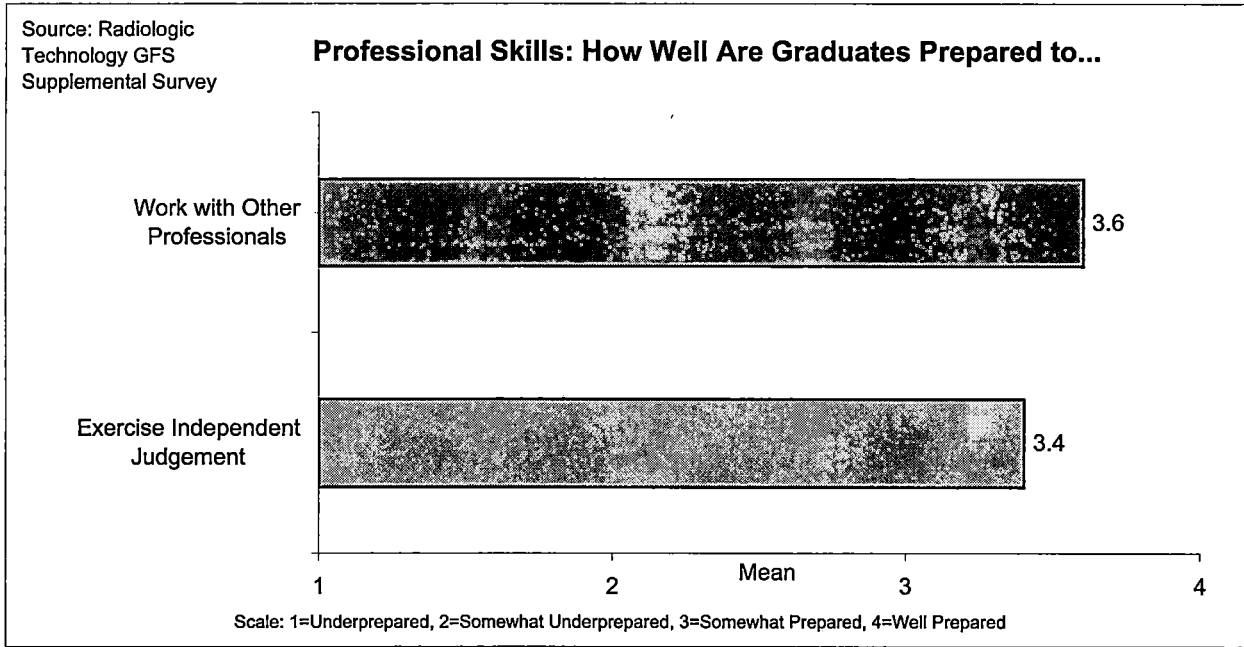
Source: Radiologic
Technology GFS
Supplemental Survey

Working with Exposure: How Well Are Graduates Prepared to...

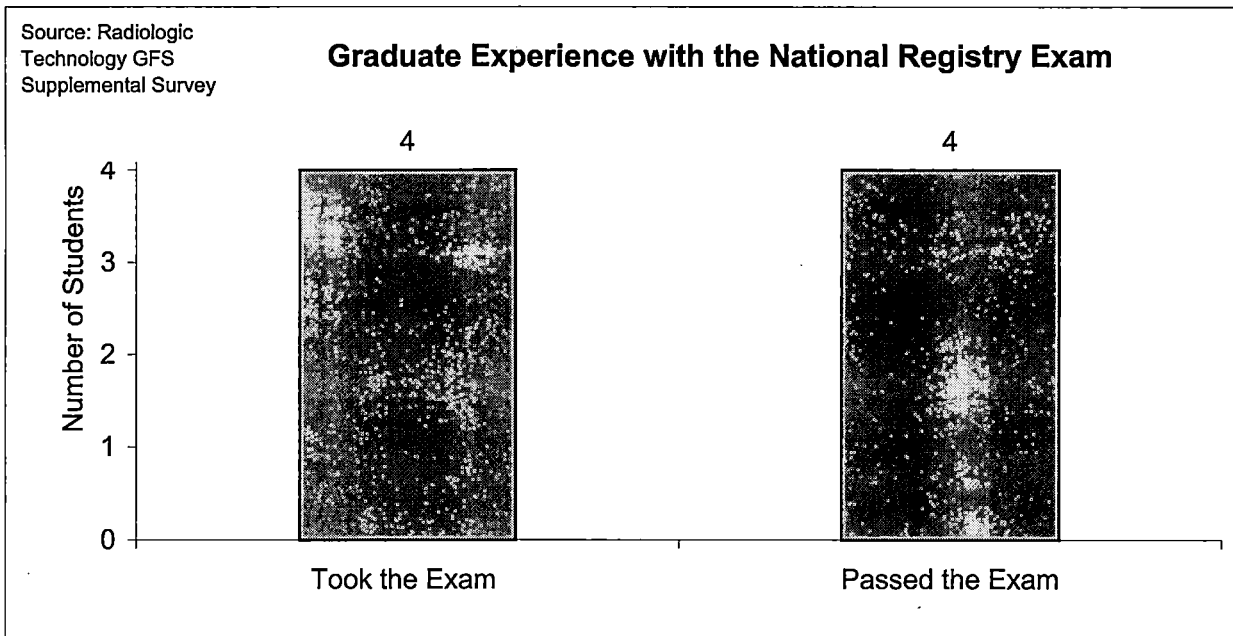


Most graduates felt more prepared to adapt exposure factors and practice radiation protective procedures than they felt prepared to determine exposure factors. Even so, the majority of respondents indicated that they felt at least "somewhat prepared" to "well prepared" to determine exposure factors.

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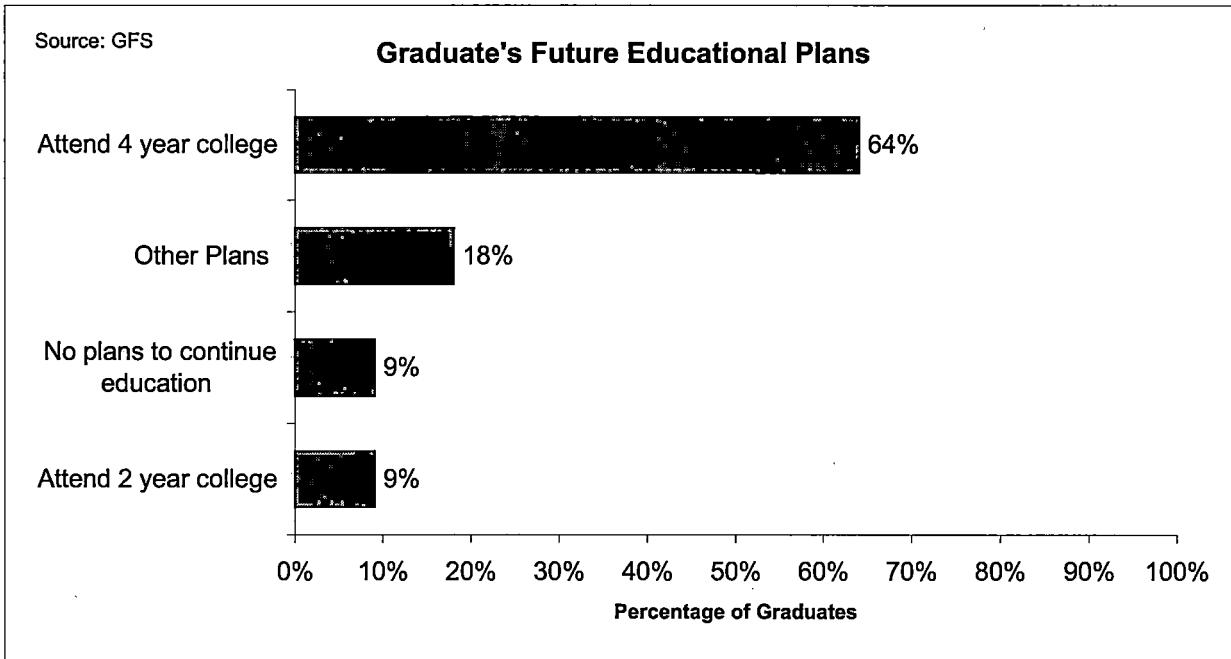
Graduates appear to feel that their education at OCC helped them improve their professional skills. The majority of respondents stated that they felt "somewhat prepared" to "very prepared" to work with other professionals and exercise independent judgement.



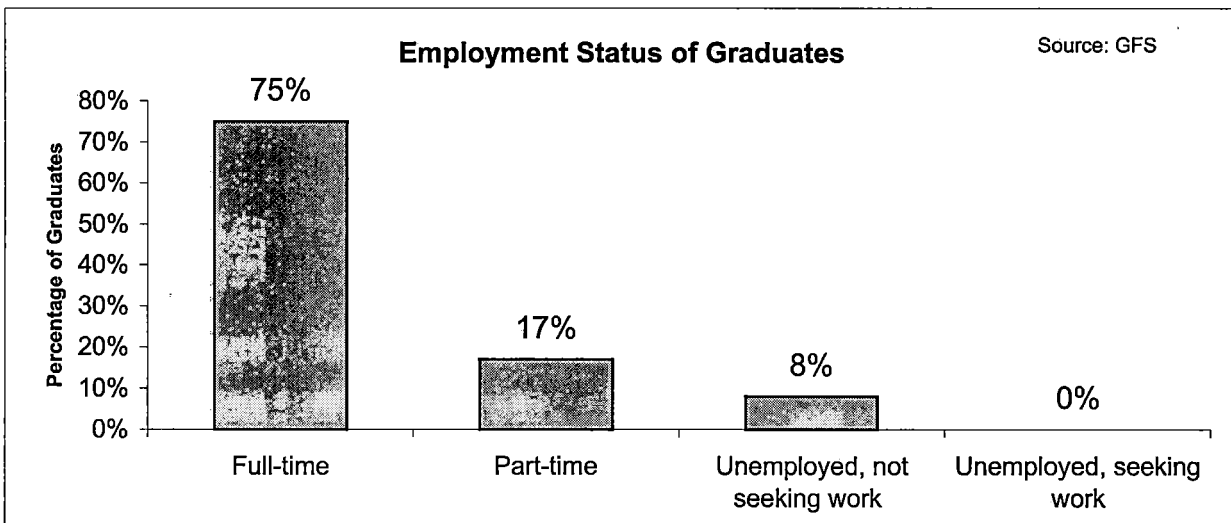
Four Radiologic Technology graduates indicated that they took the national registry exam. All four reported that they passed the exam.

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Radiologic Technology graduates were also asked about their future educational goals, most individuals reported that they planned on attending a 4 year university after graduation from OCC.

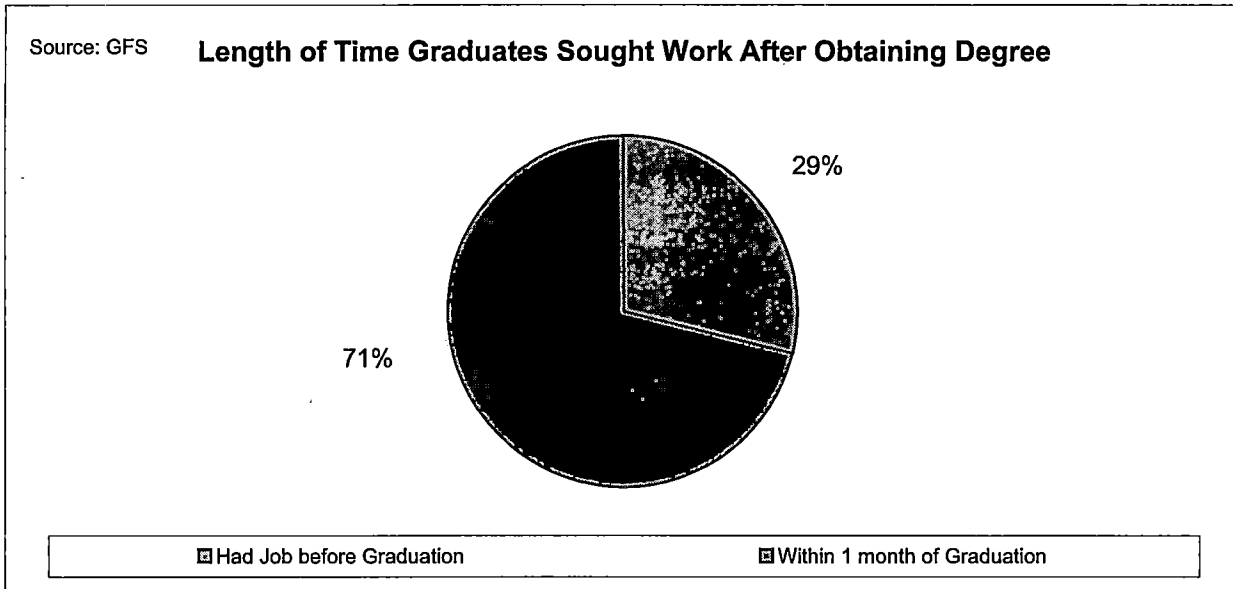


Graduates also provided important information about their employment status after completing OCC's program. Most Radiologic Technology graduates worked full-time, obtained a job within one month of graduation and "strongly agreed" that their OCC degree helped them in their current place of employment.

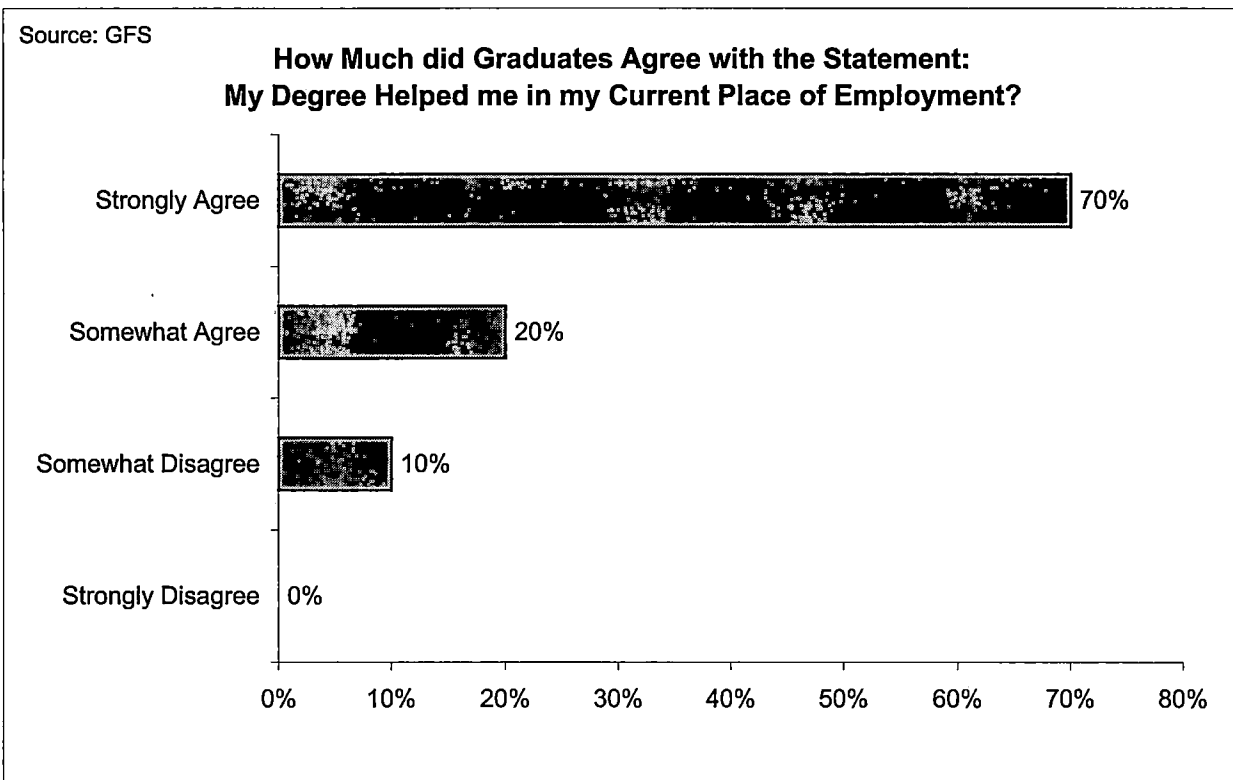


Approximately 3/4ths of Radiologic Technology graduates worked in full-time positions, while an additional 17% worked part-time. A total of 8% of graduates were unemployed, but not looking for a job. None of the individuals surveyed reported that they were unemployed and seeking work.

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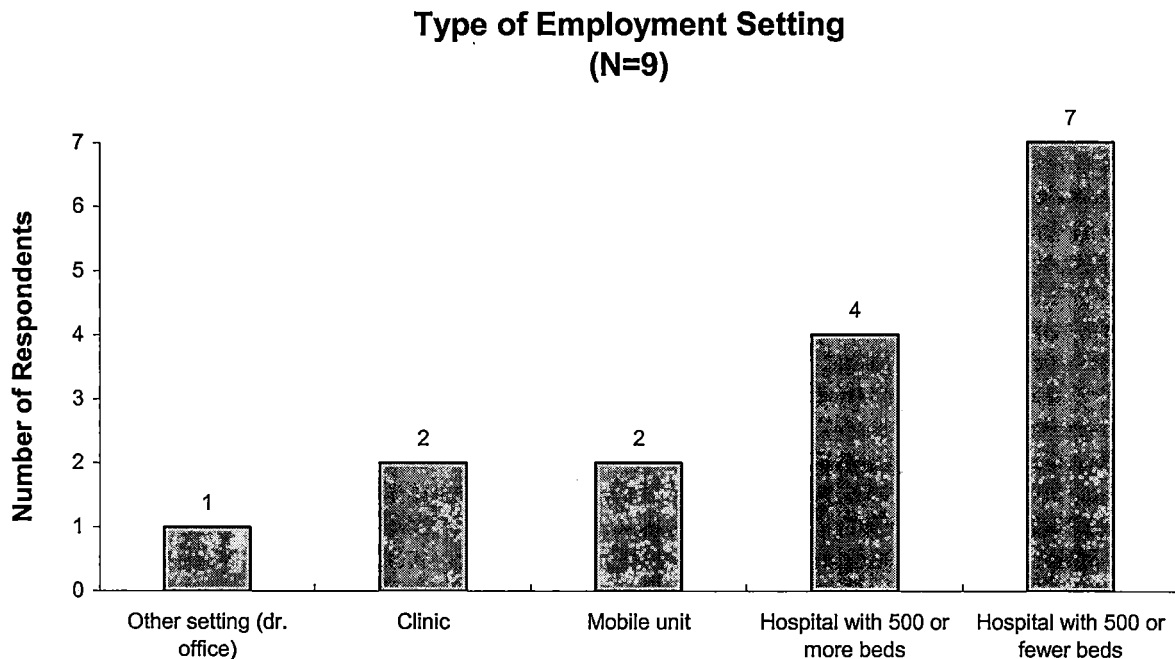
Nearly 30% of respondents stated that they had jobs before they graduated. Over 70% of Radiologic Technology graduates obtained a job within one month of graduation.



A total of 70% of Radiologic Technology graduates indicated that they strongly agreed that their degree helped them in their current place of employment. Only 10% of graduates disagreed with this statement.

Findings from the Radiologic Technology Supplemental Survey

As stated earlier, the supplemental survey is administered to obtain information specifically about the Radiologic Technology program and profession. Following is an overview of the major findings from this survey, based upon responses from nine graduates over the survey period _____.



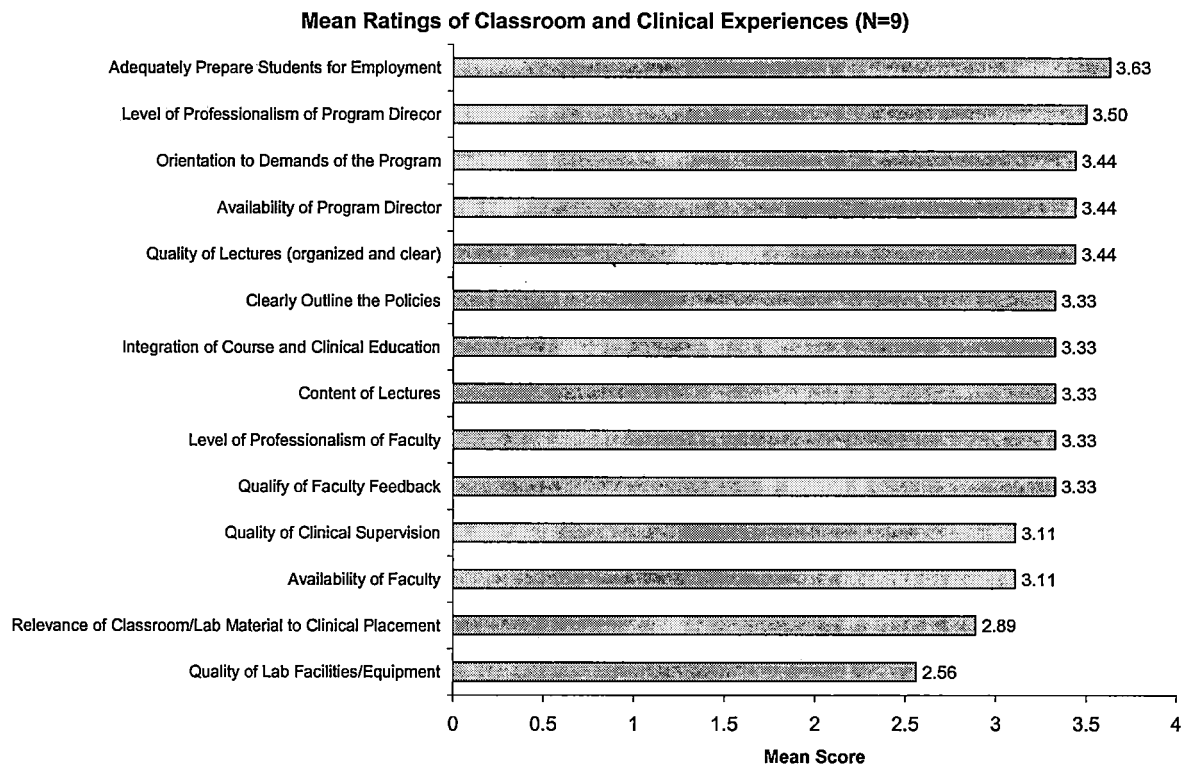
- Of the nine respondents, two stated they worked in a clinic and two said they worked in a mobile unit. The person who said they worked in an “other” setting cited that as a doctor’s office. Four respondents said they worked in a hospital with 500 or more beds. Seven stated that they worked in a hospital with 500 or fewer beds.

Supplemental Survey Findings (Continued)

Classroom and Clinical Experiences

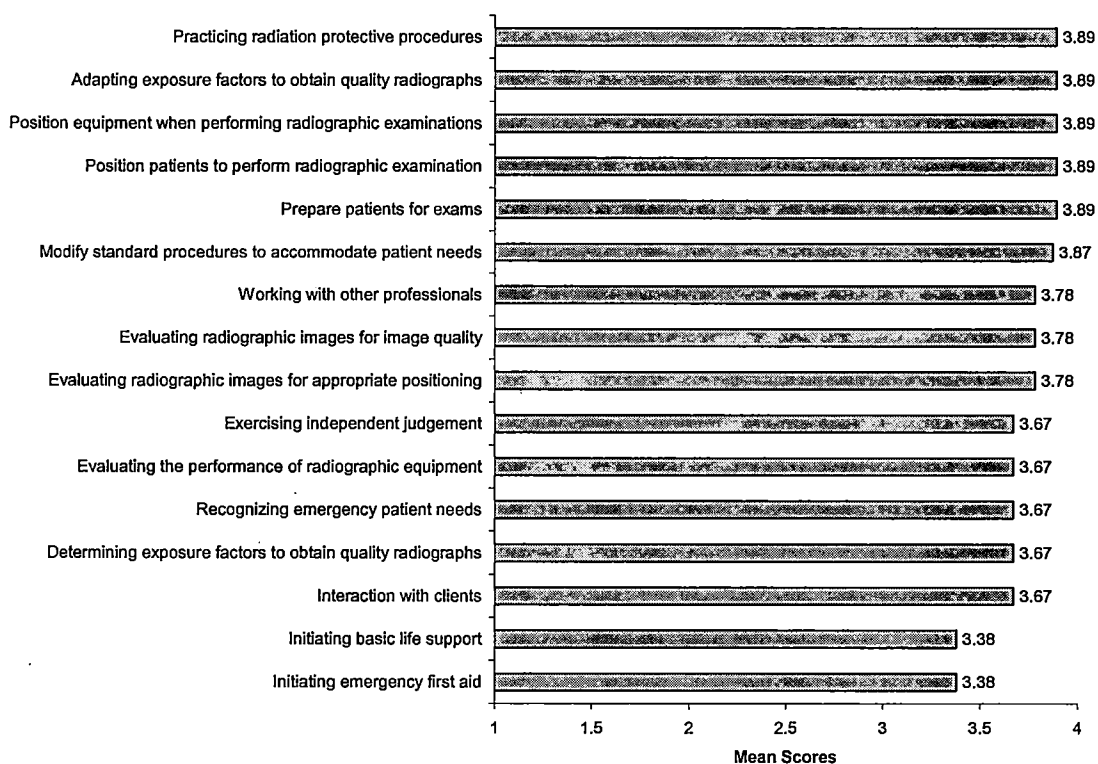
The Supplemental Survey asked graduates to rate several classroom and clinical experiences. The following is a summary of these findings. Each question was rated on a 4-point Likert scale with 1=Poor, 2=Fair, 3=Good, and 4=Excellent.

- Several questions addressed graduates satisfaction with course work. Radiologic Technology students rated quality of lectures, content of lectures, integration of course and clinical education and relevance of classroom/laboratory to placement on average, in the “good” range. The lowest mean for this group of questions was for relevance of classroom/laboratory to placement, which was 2.89. The highest was for quality of lectures, which was 3.44.



- Several questions covered graduate satisfaction with faculty. The Radiologic Technology graduates rated availability of faculty, quality of clinical supervision and professionalism of faculty in the “good” range. The means for these three questions were all very similar, at 3.1 to 3.3.
- In addition, one question asked students whether or not they felt adequately prepared to seek employment. Graduates rated this one item on average in the “good” range. The mean satisfaction rating for this question was 3.63.

Mean Ratings of Preparedness (N=9)



Job Preparation Skills

Section two of the
In another section of the supplemental survey, Radiologic Technology students were asked to rate how well prepared they felt to work with patients and equipment. The students rated these questions using a 4-point Likert scale where 1=Underprepared, 2=Somewhat Underprepared, 3=Somewhat Prepared and 4=Well Prepared.

- Radiologic Technology students felt very prepared to work with patients. The means for “interaction with clients”, “modify standard procedures to accommodate patient needs”, “prepare patients for examinations” and “position patients to perform radiographic examinations” were all very close to four. The lowest score in this group was for interacting with clients, which was 3.67. The other three items were all rated a 3.9 by the graduates.
- Radiologic Technology students also felt well prepared to work with equipment. The means for “position imaging equipment”, “evaluating the performance of radiographic equipment”, “evaluating radiographic images for image quality” and “evaluating radiographic images for appropriate positioning” were all very close to four. The lowest score for these questions was evaluating the performance of equipment, which was 3.67.

The highest score among these items was 3.9, for positioning imaging equipment.

Another section of the Radiologic Technology Supplemental Survey asked graduates to rank how prepared they felt to handle patient emergencies. The scale for this ranking was 1=Underprepared, 2=Somewhat Underprepared, 3=Somewhat Prepared, and 4=Well Prepared.

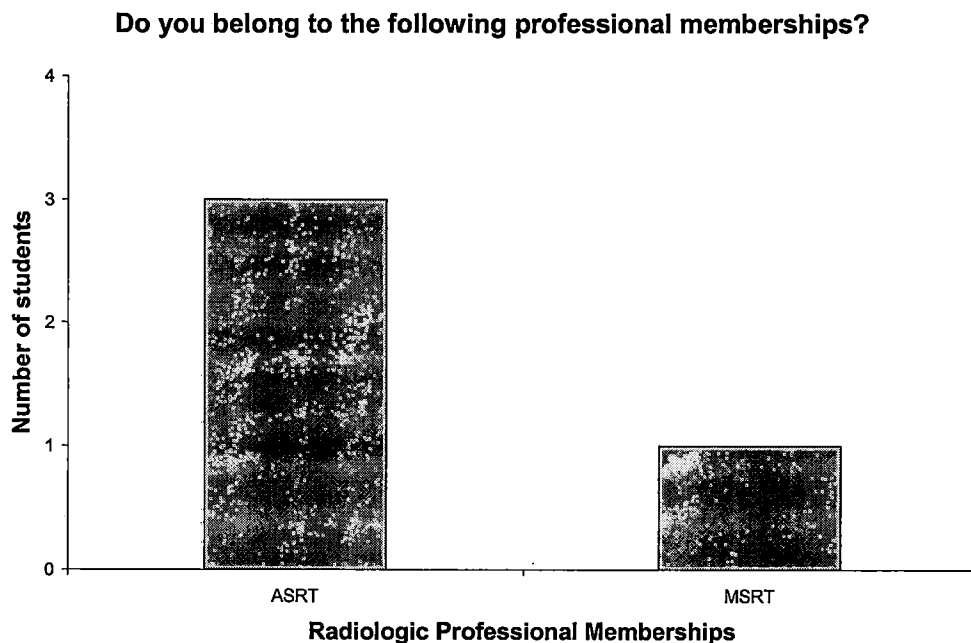
- Students on average felt “somewhat prepared” to handle emergency situations such as “initiating basic life support”, “initiating emergency first aid” and “recognizing emergency patient needs.”

Additionally, Radiologic Technology graduates rated how prepared they felt to work with exposure, work by themselves and with others. The scale for these questions is the same as for the questions dealing with patient emergencies.

- Graduates on average felt “somewhat prepared” to determine exposure factors, adapt exposure factors and practice radiation protective procedures. The means for each of these was close to four, with the lowest mean (for determining exposure factors) as 3.7. The other two items were rated a 3.9.
- Radiologic Technology students felt “somewhat prepared”, on average, to work with other professionals and exercise independent judgement. The means for these questions was close to four, with the lowest mean (for exercising independent judgement) as 3.7. The graduates rated working with other professionals a 3.8.

Supplemental Survey Findings (Continued)

Professional Memberships



Radiologic Technology Professional Memberships and National Registry Exam

Of the nine Radiologic Technology students surveyed, one was a member of MSRT and three were members of ASRT. Of these nine graduates, seven took the National Registry exam and all seven passed the exam.