



OAKLAND
COMMUNITY
COLLEGE

**Oakland Community College
Radiologic Technology Accreditation Summary
from Graduate Follow-up Survey (GFS) Data
1998-2002**

Preliminary Report

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December 2003

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Introduction

The Graduate Follow-Up Survey (GFS) is an ongoing survey that is administered to graduates of Oakland Community College (OCC) ten months following their graduation date. For radiologic technology graduates, two separate surveys are administered: (1) The (Overall) Graduate Follow-Up Survey; and (2) The Graduate Follow-Up Supplemental Radiologic Technology Survey. The objectives of both surveys are to measure student satisfaction with various aspects of OCC, as well as to answer questions concerning subsequent employment status and continued education. The overall survey and the supplemental survey differ, in that the overall survey is designed to address the student's total experience at OCC, whereas the supplemental survey is tailored to obtain information specifically about the Radiologic Technology Program and profession. This report is based on data collected regarding Radiologic Technology students who graduated from OCC between August of 1998 and August 2002.

Key Findings¹

General Findings of Radiologic Technology Graduates

- There were a total of 25 Radiologic Technology graduates between August 1998 and August 2002.
- A total of 14 graduates responded to the Graduate Follow-up Survey; while nine of these graduates responded to the Radiologic Technology Supplemental Survey.

Importance and Satisfaction Ratings of Specific Elements of the OCC Experience²

- Graduates consider courses in their major field as very important (3.93) and are very satisfied (4.00) with these courses.
- Radiologic Technology students rank overall quality of teaching (3.86) and relationships with faculty (3.85) as very important but are less satisfied with overall quality of teaching (3.54) and overall relationships with faculty (3.57).
- Graduates responded that career planning services are somewhat important (3.57) but are less satisfied with these services (2.83).
- Graduates consider the quality of library (3.83) and computer facilities (3.83) as very important; however, they are only somewhat satisfied with these facilities (3.67 library facilities; 3.75 computer facilities).
- Radiologic Technology graduates rank the attitude of college staff toward graduates as very important (3.93), yet are only somewhat satisfied with college staffs' attitudes (3.57).
- Graduates indicated that the overall quality of education was very important (4.00) but were only somewhat satisfied with the overall quality of education at OCC (3.71).

¹ For the purposes of this study, mean scores between 2.8 and 3.79 were considered "Somewhat Important/Somewhat Satisfied" and mean scores 3.8 and above were considered "Very Important/Very Satisfied".

² Each of the numbers in parentheses are mean scores.

Preparedness

- Of the thirteen graduates who responded, the majority of them (85%) indicated that their OCC degree helped them become better prepared in their current job.
- All thirteen graduates who responded stated that they strongly agreed with the statement, "I frequently use knowledge gained from my degree/certificate program in my current job."

Satisfaction with the OCC Radiologic Technology Program

Overall Satisfaction

- The majority of respondents (79%) would still choose OCC's Radiologic Technology program if they had the chance to start school over again³.
- Ninety-three percent of graduates indicated that they were somewhat (29%) or very satisfied (64%) with their overall experience as an OCC student.

Ratings of Classroom and Clinical Experiences and Ratings of Preparedness

- Thirteen of fourteen mean ratings for classroom and clinical experiences were in the "good" range, with the highest scores rated for adequately preparing graduates for employment (3.63) and level of professionalism of the program director (3.50). The lowest score in this area was quality of lab facilities/ equipment (2.56) which was rated as "fair".
- The mean ratings of preparedness were high. Fourteen out of sixteen rankings were at 3.67 or higher (on a 4-point scale). The other two rankings were not far behind, at 3.38. Overall, graduates mentioned that they were prepared to perform their jobs in Radiologic Technology.

Professional Memberships and National Registry Exam

- Three graduates belong to the American Society for Radiologic Technologists (ASRT) and one belongs to the Michigan Society for Radiologic Technologists (MSRT).
- The National Registry Exam is the main exam for Radiologic Technologists which credentials them. Seven of the nine graduates took the National Registry Exam and all of them passed the test.

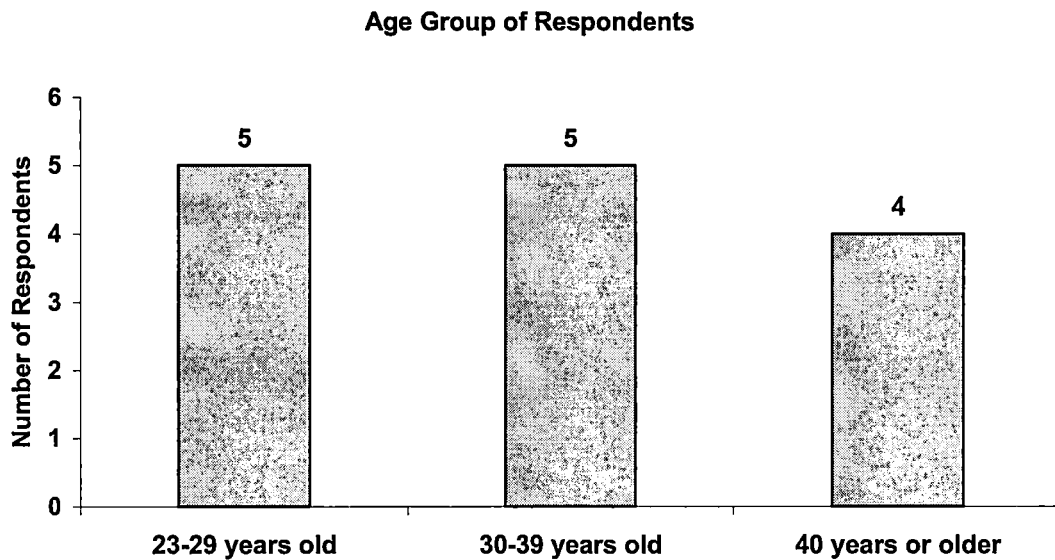
³ These findings should be interpreted with caution, as the sample size was very small (n=9).

Findings from Graduate Follow-up Survey (GFS)

Data from the GFS provided several insights into Radiologic Technology graduates' personal and professional demographic characteristics. Listed below are the different traits.

Age

- The mean age of the 14 respondents was 34 years; the youngest student was 23 and the oldest was 47. The majority of graduates (64%) were age 30 or older.



Gender and Race

- The sample was homogenous. All 14 graduates were white females.

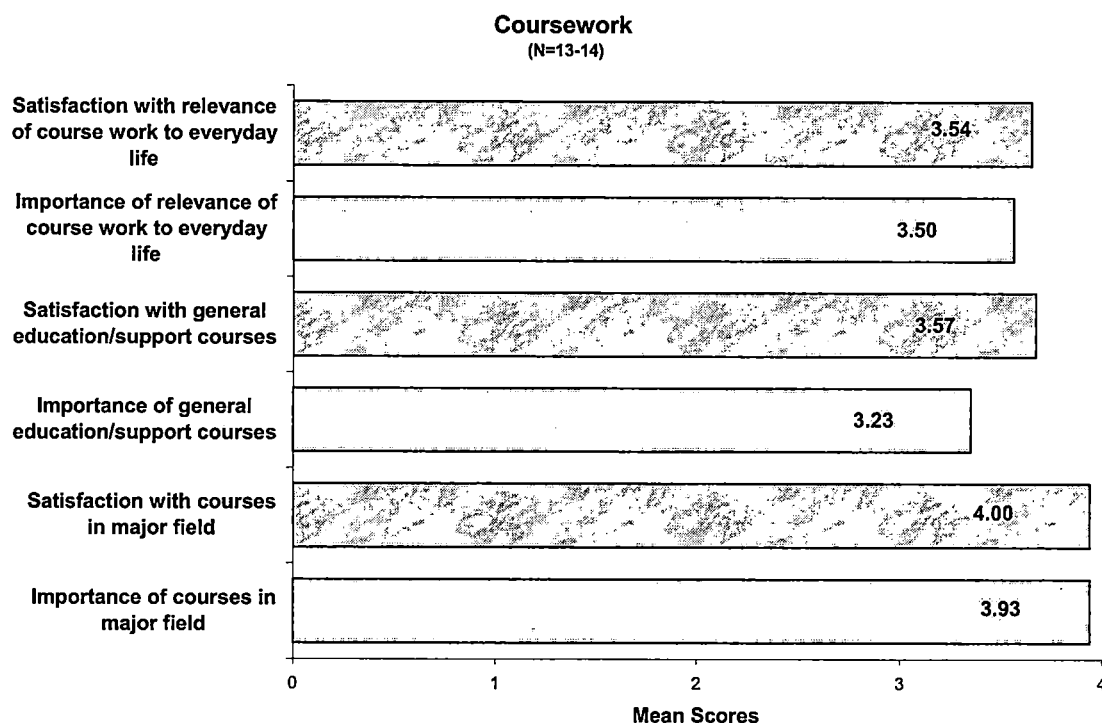
Salary

- Eleven out of fourteen respondents provided salary information. The mean annual salary was approximately \$28,100 for these graduates.

Graduate Follow-up Survey Findings (continued)

Mean Importance and Satisfaction Scores

The next few charts display respondents' mean importance and satisfaction ratings of various aspects of the OCC experience.



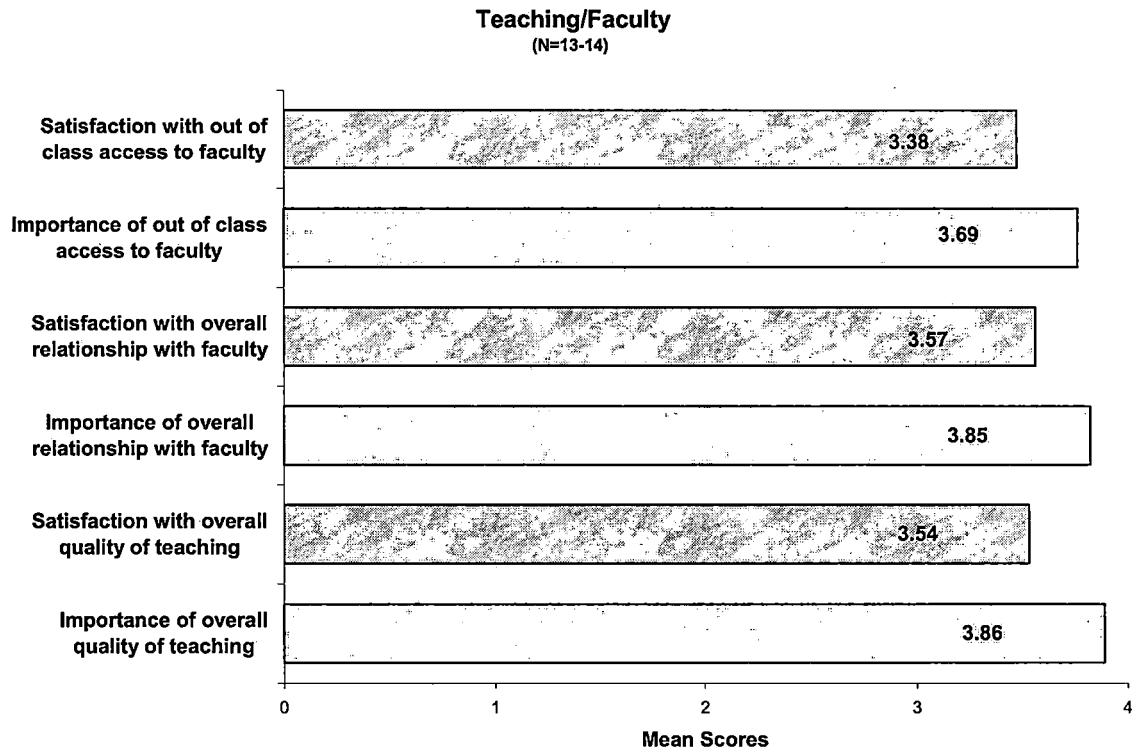
Graduates rated several aspects of OCC coursework⁴.

- Graduates were very satisfied (4.00) with courses in their major field and indicated that these courses were also very important (3.93).
- Respondents rated the relevance of coursework to everyday life as somewhat important (3.50). They were also somewhat satisfied (3.54) with the relevance of coursework to their everyday lives.
- Graduates were somewhat satisfied with the general education courses (3.57) and cited that these courses were somewhat important (3.23).

⁴ Respondents were asked to rate importance and satisfaction items using a 4-point Likert scale (1=Very Unimportant, Very Dissatisfied, 2=Somewhat Unimportant, Somewhat Dissatisfied, 3=Somewhat Important, Somewhat Satisfied, and 4=Very Important, Very Satisfied.)

For the purposes of this study, mean scores between 2.8 and 3.79 were considered "Somewhat Important/Somewhat Satisfied" and mean scores 3.8 and above were considered "Very Important/Very Satisfied".

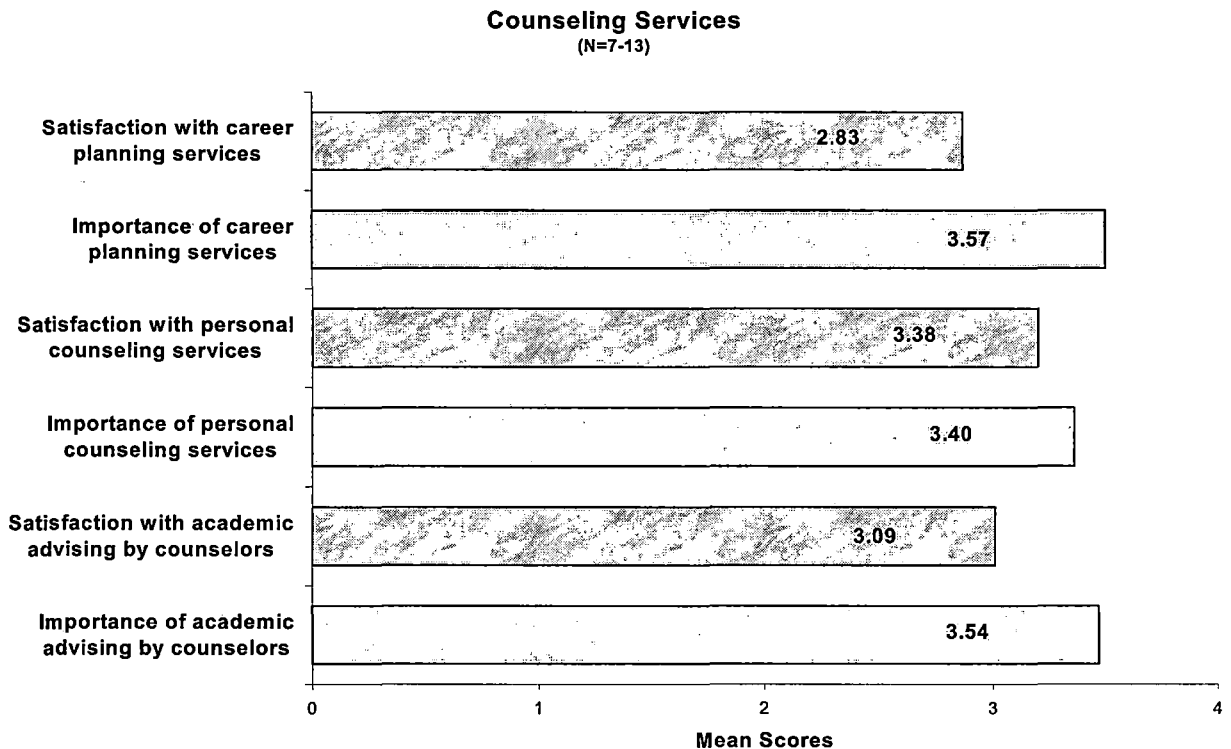
Graduate Follow-up Survey Findings (continued)



Graduates rated overall teaching quality and relationships with faculty.

- Graduates indicated it was somewhat important (3.69) to have out of class access to faculty and stated that they were somewhat satisfied (3.38) about this access.
- Respondents mentioned that the relationship with faculty (3.85) and overall quality of teaching (3.86) was very important.
- Graduates cited that they were somewhat satisfied (3.57) with the relationship with faculty and the overall quality of teaching (3.54).

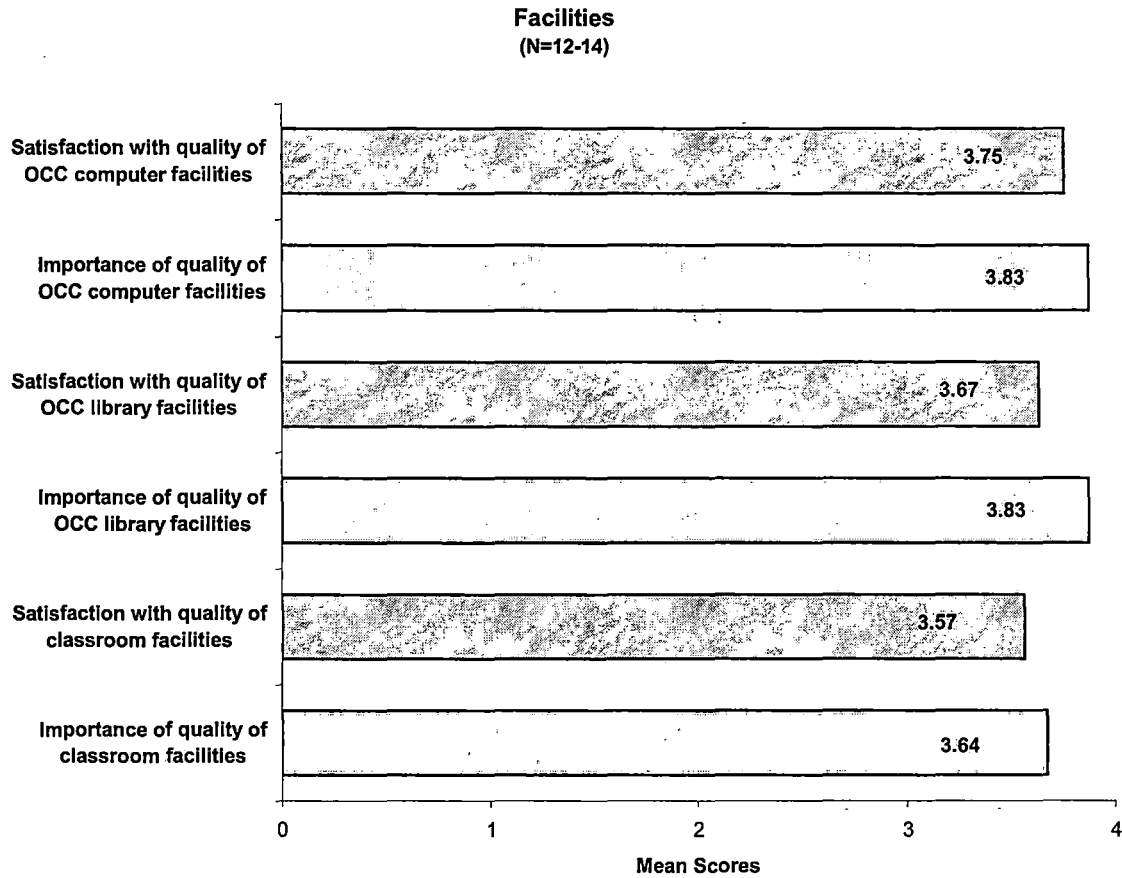
Graduate Follow-up Survey Findings (continued)



Graduates rated the various counseling services offered at OCC.

- Generally, graduates indicated that career planning services (3.57), personal counseling services (3.40) and academic advising (3.54) were somewhat important.
- Respondents were somewhat satisfied with career planning services (2.83), personal counseling services (3.38) and academic advising (3.09).
- Based on the mean scores, while graduates responded that career planning services are somewhat important (3.57), they are less satisfied with these services (2.83).

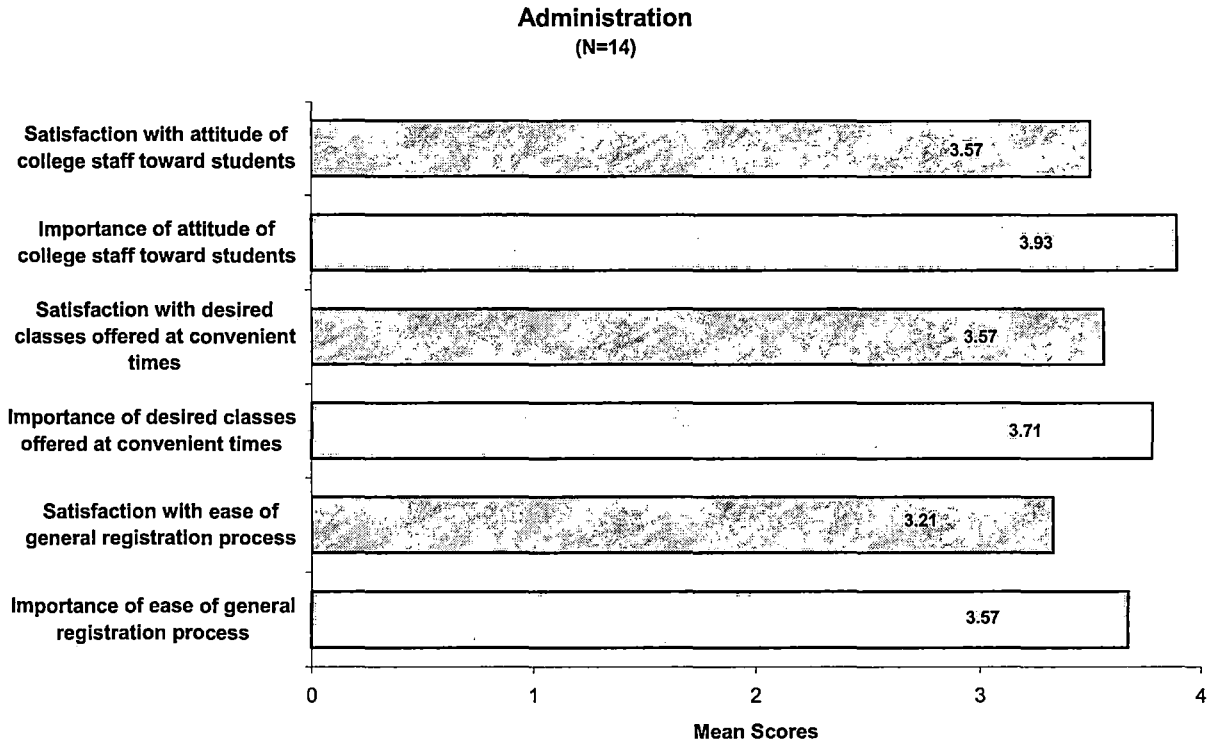
Graduate Follow-up Survey Findings (continued)



Graduates ranked their impressions of various OCC facilities.

- Graduates mentioned that the importance of the quality of computer (3.83), library (3.83) and classroom facilities (3.64) were somewhat to very important.
- Respondents were somewhat satisfied with the quality of computer (3.75), library (3.67) and classroom facilities (3.57).

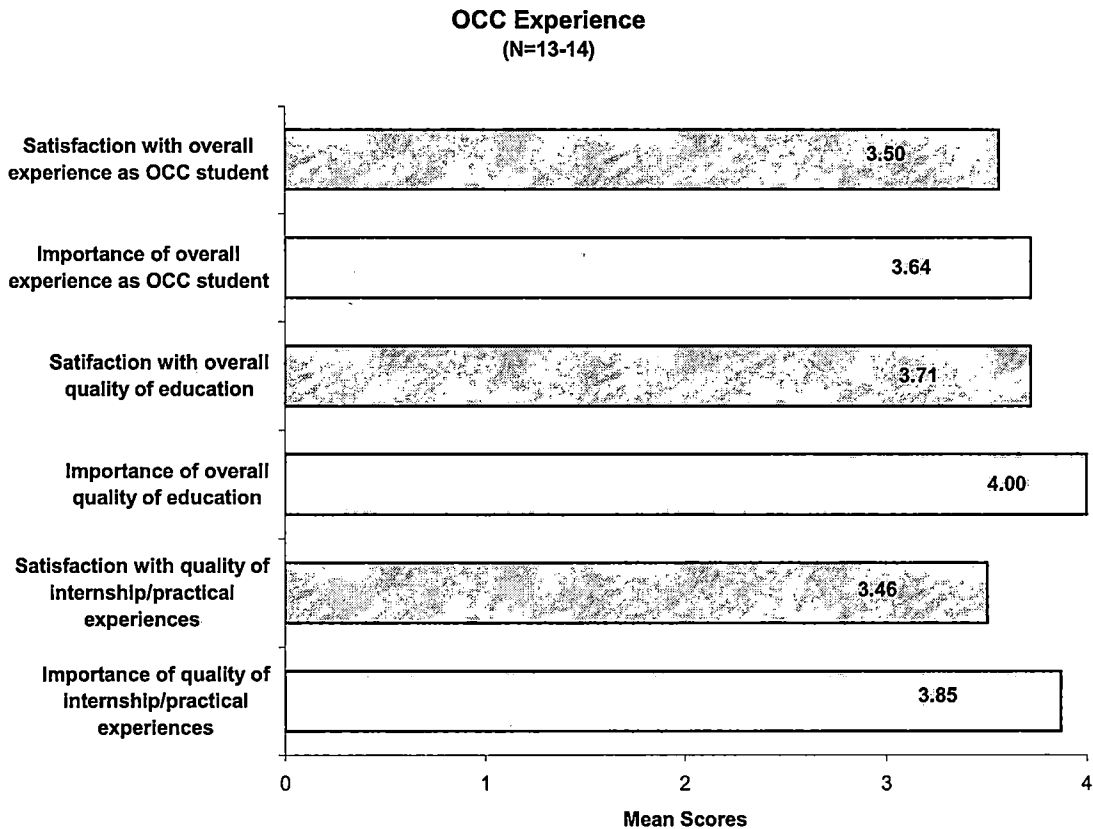
Graduate Follow-up Survey Findings (continued)



Graduates rated various aspects of administrative procedures.

- Graduates stated that the attitude of staff toward graduates was very important (3.93) and responded that they were somewhat satisfied (3.57) about the staffs' attitude.
- Respondents indicated that the ease of the general registration process (3.57) and getting classes at convenient times (3.71) were somewhat important.
- Graduates were somewhat satisfied by the ease of the registration process (3.21) and were also somewhat satisfied (3.57) about getting classes at convenient times.

Graduate Follow-up Survey Findings (continued)



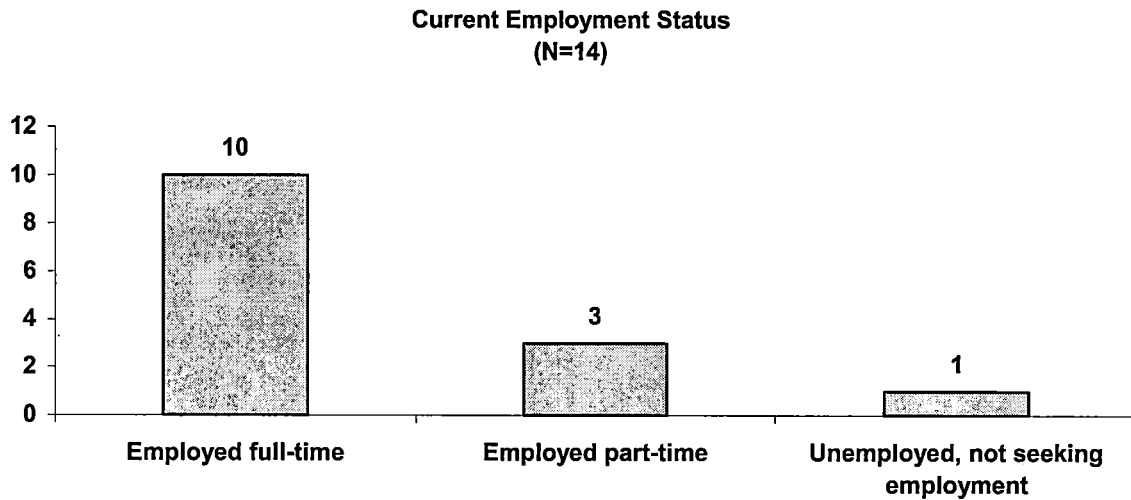
Graduates rated general features of their experiences as an OCC student.

- Graduates stated that the overall quality of education was very important (4.00) and indicated they were somewhat satisfied (3.71) by OCC's quality of education.
- Respondents indicated that the overall experience as an OCC student was somewhat important (3.64) and were somewhat satisfied (3.50) with this overall experience.
- Graduates responded that the quality of internships/practical experiences were very important (3.85) and were somewhat satisfied (3.46) with these internships/practical experiences.

Graduate Follow-up Survey Findings (continued)

Current Employment Status

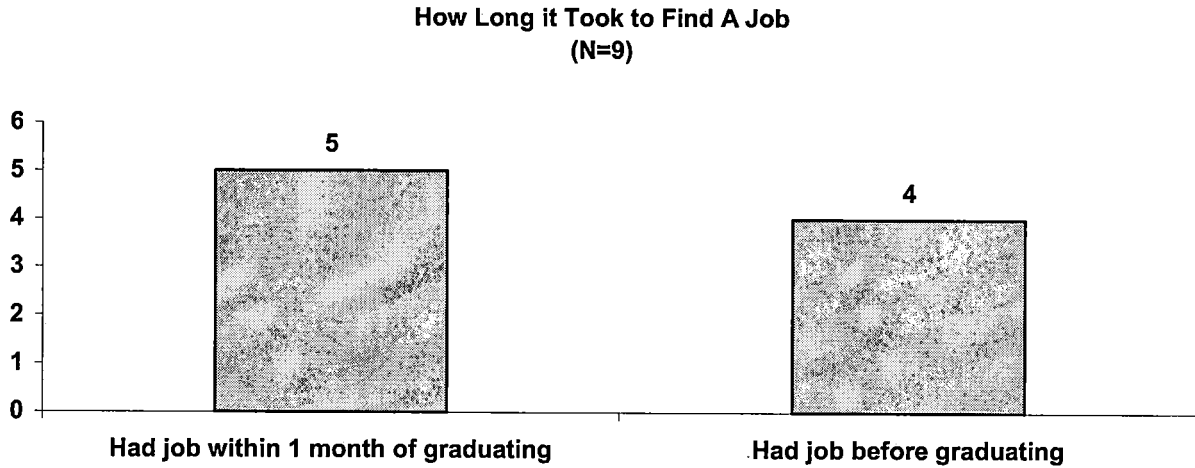
Graduates were asked about their current employment status. The following chart designates these responses.



- The majority of graduates (71%) were employed full-time; 21% were employed part-time.

Graduate Follow-up Survey Findings (continued)

One questionnaire item inquired how long it took for graduates to find a job. The following chart indicates their responses.

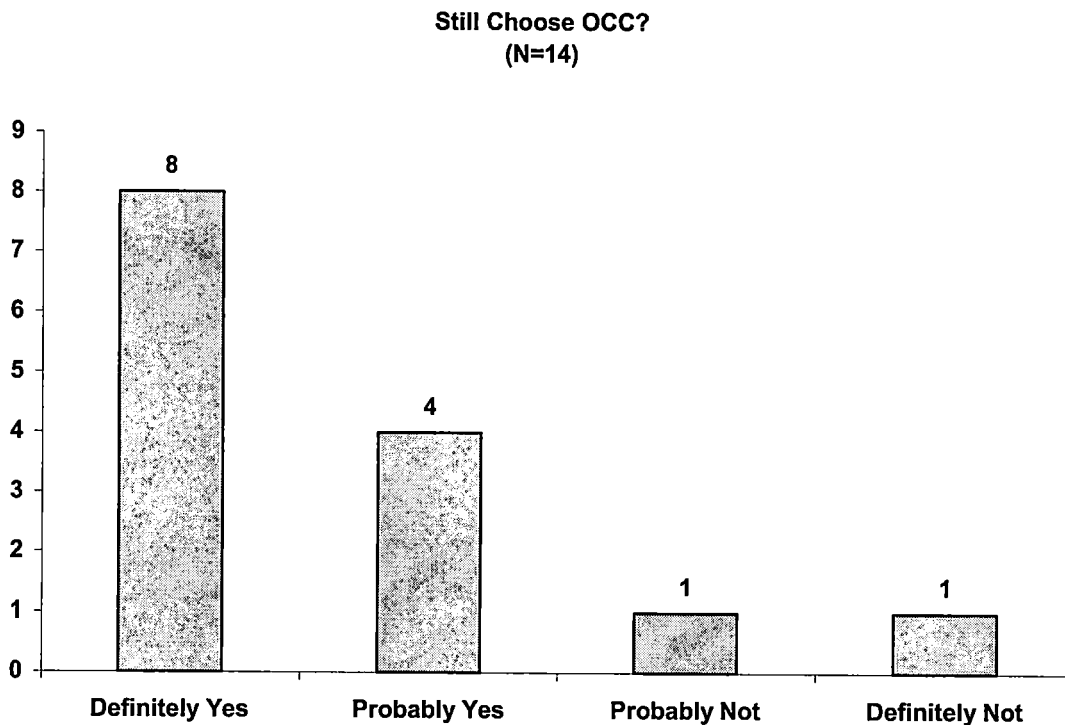


- Four of the nine graduates who answered this question had a job before they graduated from OCC, while five had a job within one month of graduation.

Graduate Follow-up Survey Findings (continued)

Choose OCC Again?

The graduates were asked if they were to start school over, would they still choose OCC. The following graph indicates their responses.

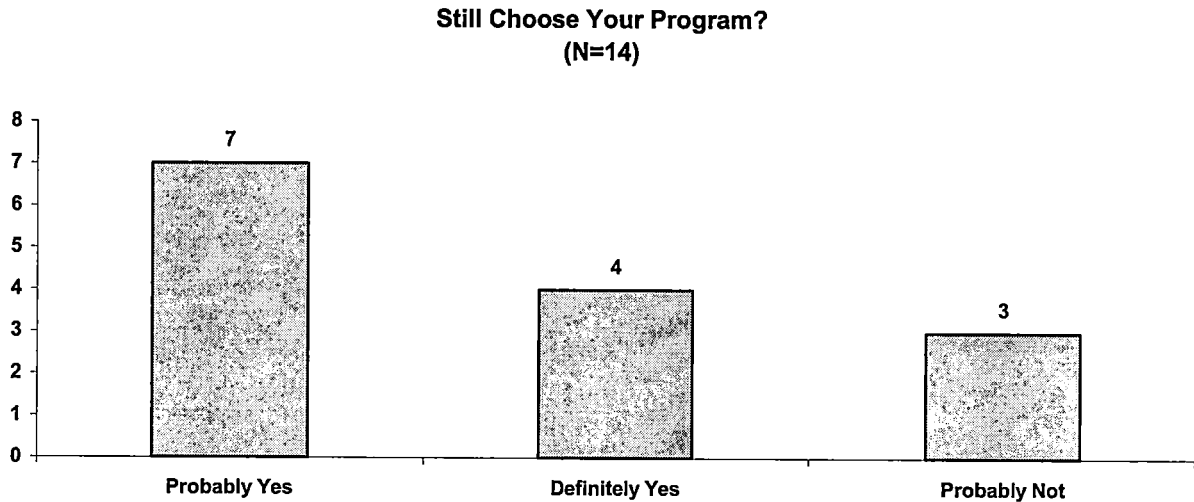


- Eight of the fourteen Radiologic Technology graduates who answered this question would definitely choose OCC again if they had to start school over; four of them would probably choose OCC again. Only a small minority (two graduates) would probably not or definitely not choose OCC if they had the chance to start school over again.

Graduate Follow-up Survey Findings (continued)

Choose Same Program Again?

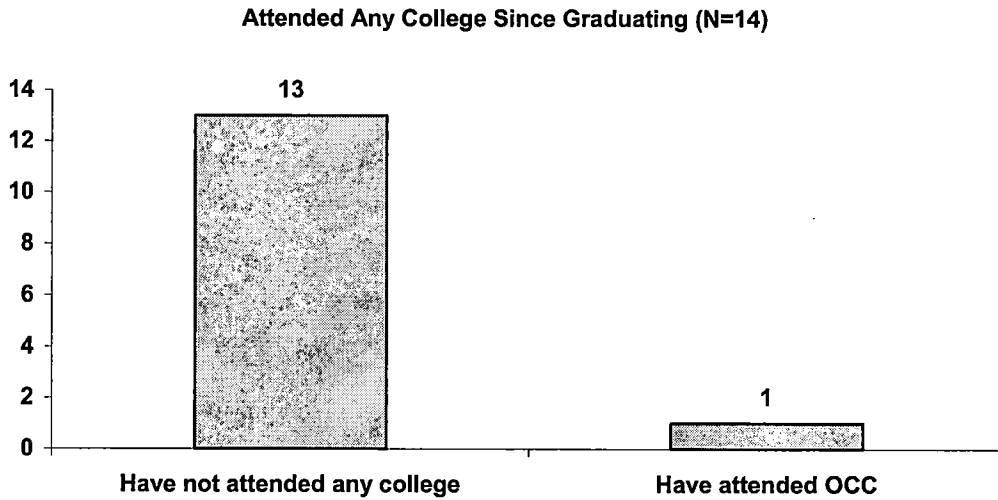
The graduates were also asked if they had the chance to start school over, would they choose the same program again. The graph below charts their responses.



- Seven of the graduates would definitely choose the Radiologic Technology program again if given the chance to start school over again. Four of them would probably choose their program again and only three probably would not choose their program again.

Graduate Follow-up Survey Findings (continued)

Additionally, graduates were asked if they had attended any college since leaving OCC. The graph below shows their responses.

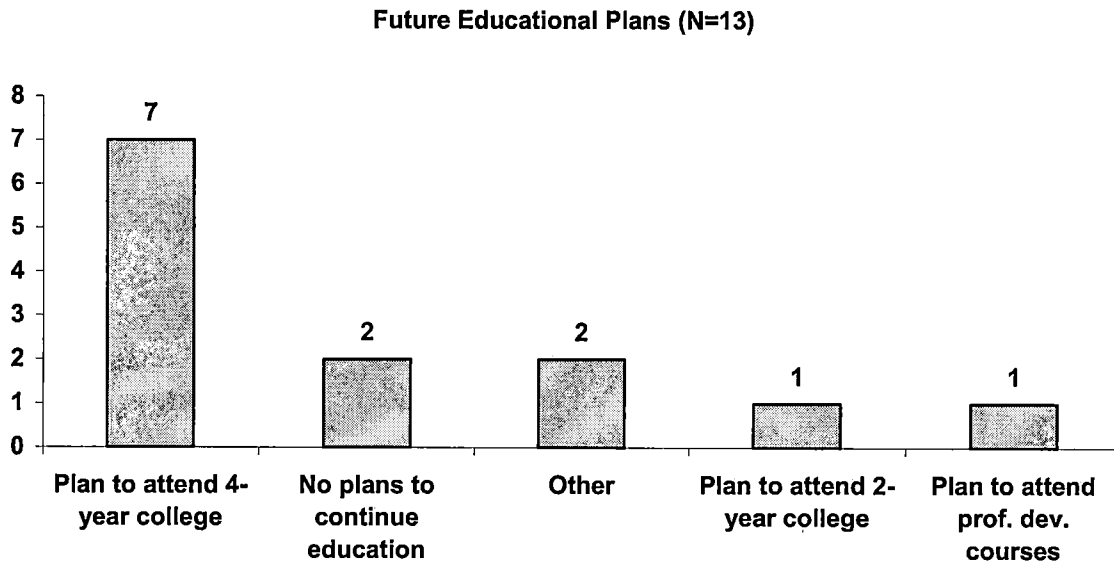


- Nearly all of the graduates have not attended any college since graduating from OCC.

Graduate Follow-up Survey Findings (continued)

Future Educational Plans

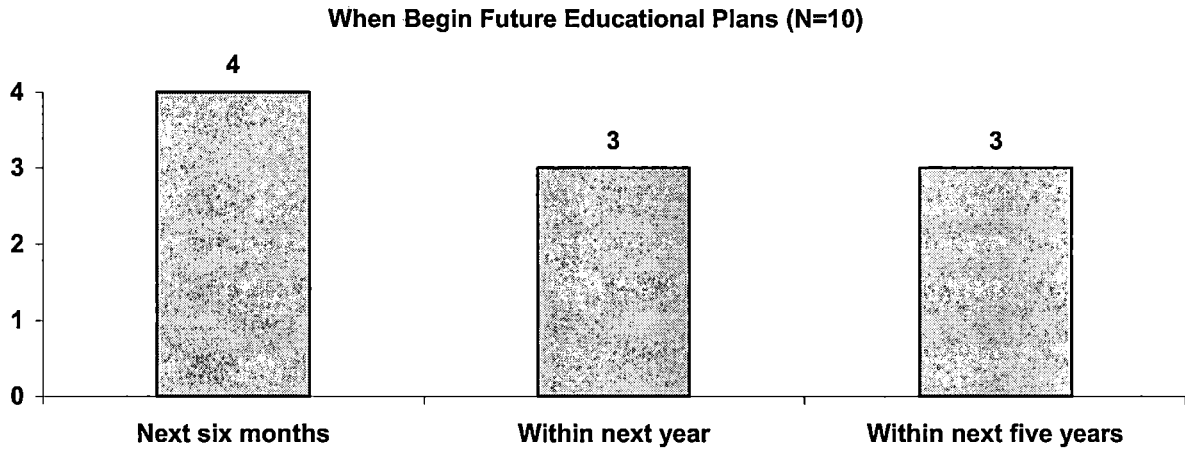
Graduates were asked about their future educational plans. The responses are outlined in the graph below.



- As this chart illustrates, the largest number of graduates cited that they plan to attend a 4-year school.

Graduate Follow-up Survey Findings (continued)

Asked when they planned to begin their future educational plans, the graduates mentioned the following responses.



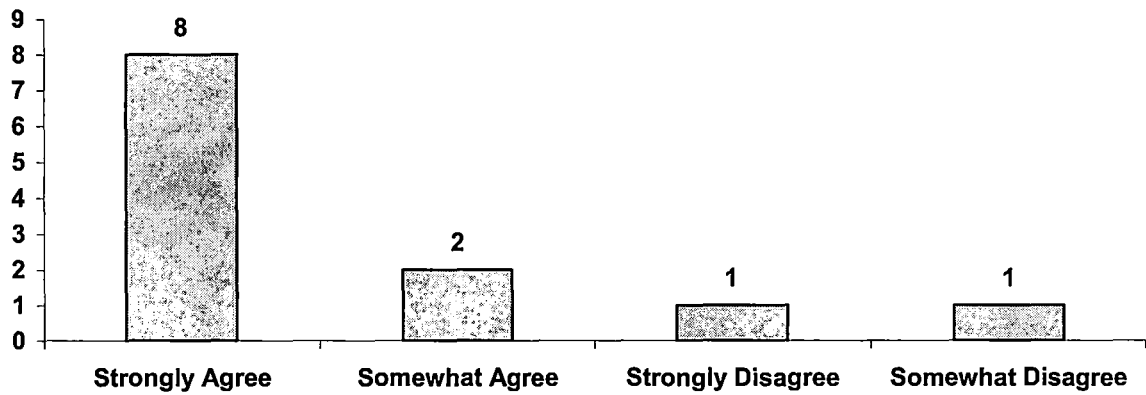
- As shown, there were a variety of responses regarding the timing of future plans. Four graduates intend to begin their future educational plans in the next six months, while three will begin more education within the next year and three will add to their education within the next five years.

Graduate Follow-up Survey Findings (continued)

Did OCC Help Graduates?

Radiologic Technology graduates were asked if OCC helped them in their current job. The following two charts show the graduates responses.

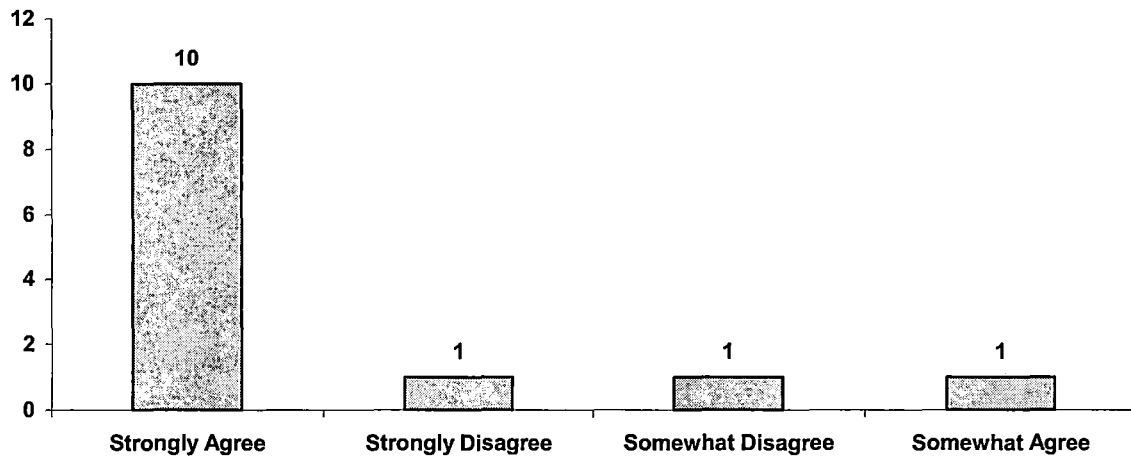
OCC Deg/Cert Helped Me Advance in Current Job (N=12)



- The majority of graduates (83%) agreed with the statement that OCC helped them advance in their current job.

Graduate Follow-up Survey Findings (continued)

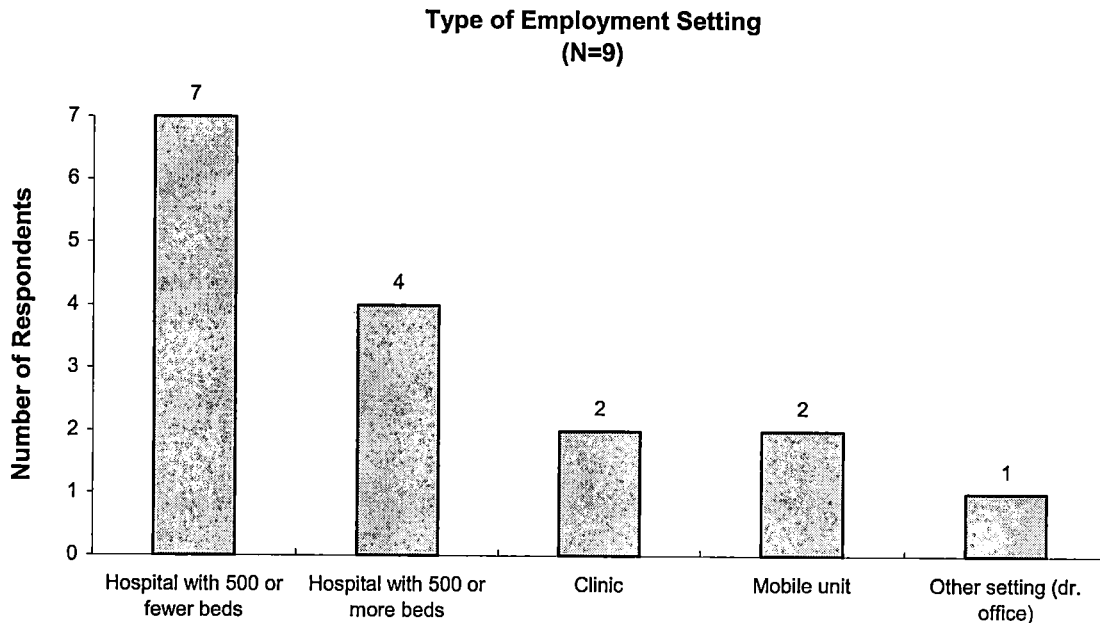
OCC Deg/Cert Helped Me Be Better Prepared in Current Position (N=13)



- The overwhelming majority of graduates (85%) agreed that their OCC degree helped them be better prepared in their current job.
- In addition, all respondents (N=13) strongly agreed with the statement "I frequently use knowledge gained from my OCC degree/certificate program in my current job."
- Graduates also cited that their degree/certificate was highly related to their job. When asked "To what extent is your current job related to the Degree/Certificate program you completed at OCC?" All of the Radiologic Technology graduates answered that their job was "highly related."

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. The following is an overview of major findings from this survey, based upon responses from nine graduates over the survey period August 1998 to August 2002.



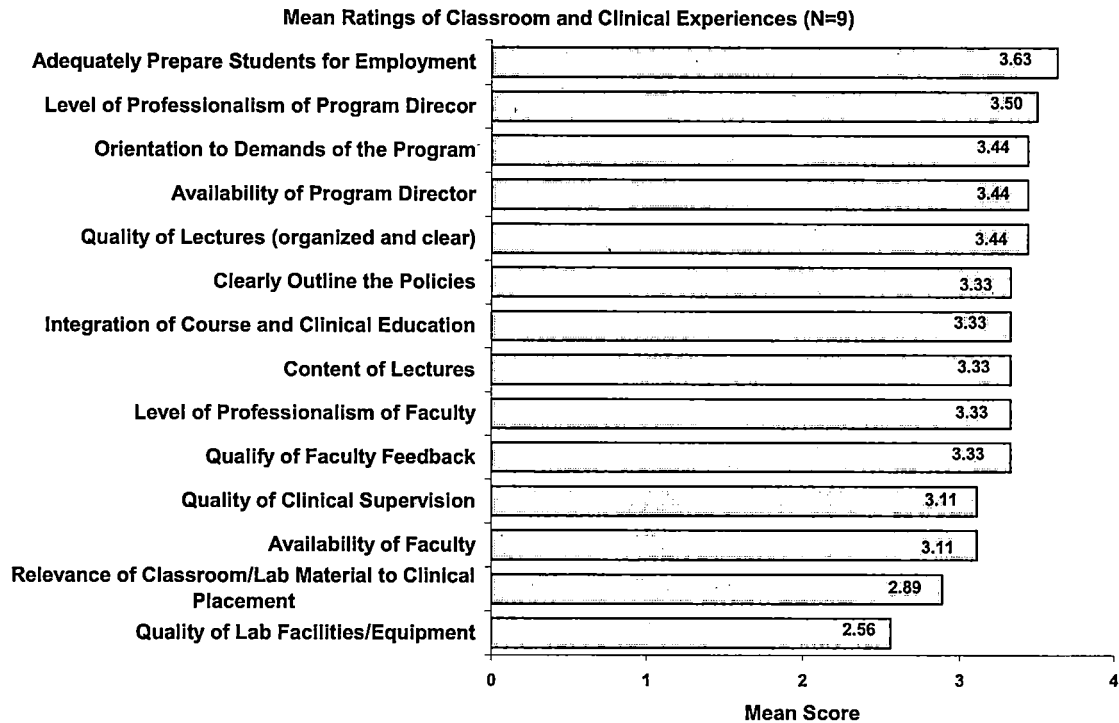
Respondents were asked to identify the settings they worked in since they had graduated. They were asked to mark all types of settings that applied.

- Most of the graduates have worked in a hospital with 500 or fewer beds, almost half worked in hospitals with more than 500 beds. Fewer respondents indicated that they worked in a clinic, mobile unit, or doctor's office.

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.

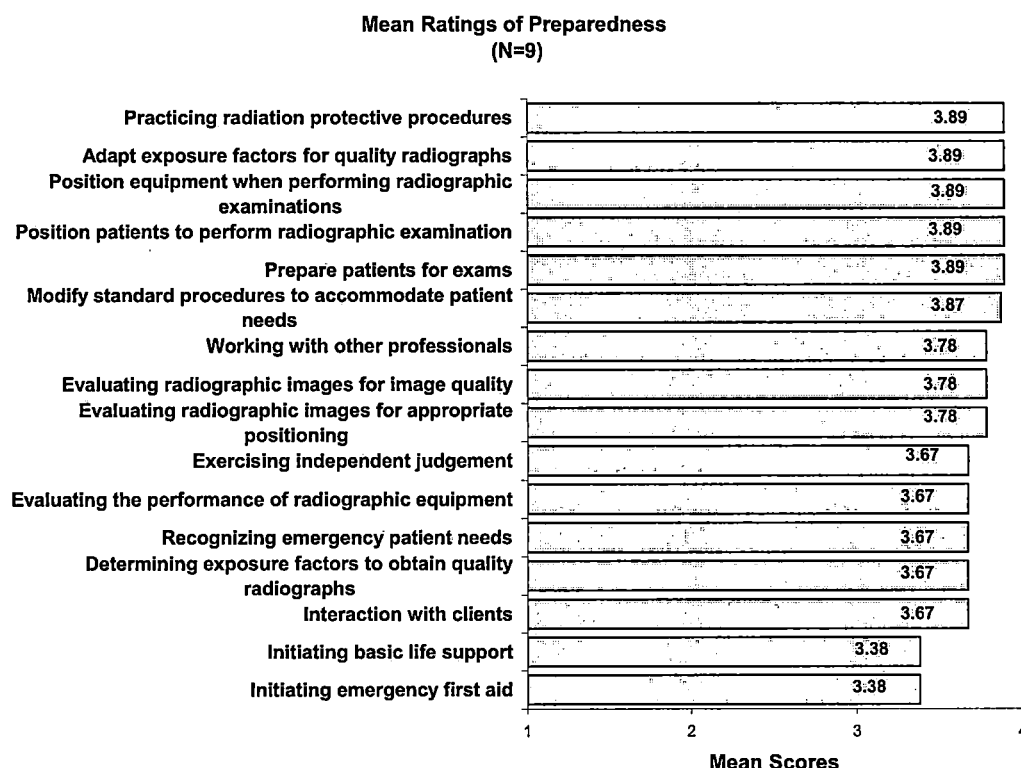


- Several questions addressed graduates satisfaction with **coursework**. Radiologic Technology graduates rated many classroom and clinical experiences in the “good” range. The lowest mean for this group of questions was for quality of lab facilities/equipment which was 2.56. The highest was for adequately prepare graduates for employment, which was 3.63.
- 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.

Supplemental Survey Findings (Continued)

Job Preparation Skills

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



- Radiologic Technology graduates responded that they were 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 (3.89). The lowest score in this group was for interacting with clients, which was 3.67.

Supplemental Survey Findings (Continued)

- Radiologic Technology graduates also indicated that they were 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 3.90, for positioning imaging equipment.

Another section of the Radiologic Technology Supplemental Survey asked graduates to rank how prepared they felt to handle patient emergencies. Again, the same scale was utilized: 1=Under Prepared, 2=Somewhat Under Prepared, 3=Somewhat Prepared, and 4=Well Prepared.

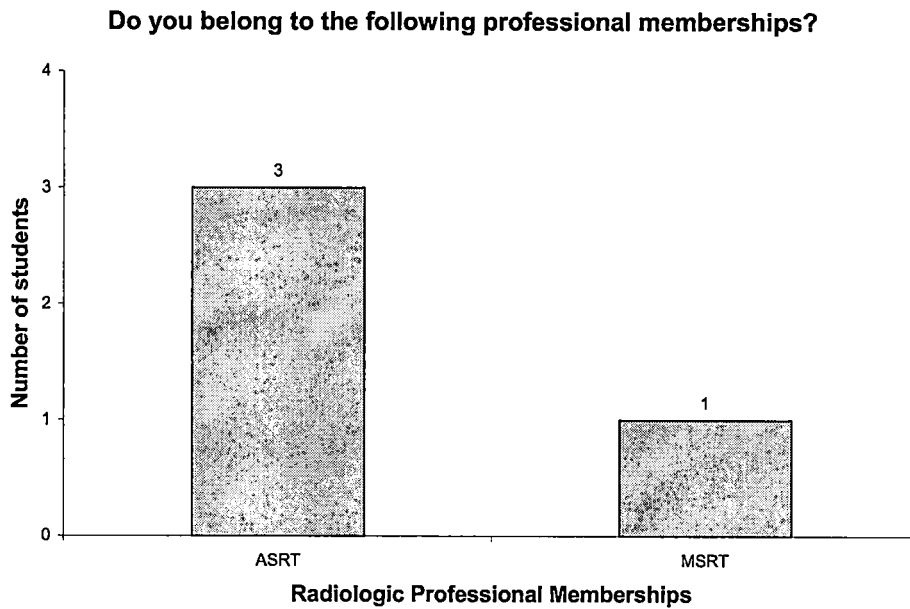
- Respondents on average mentioned that they were “somewhat prepared” to handle emergency situations such as “initiating basic life support” (mean =3.38), “initiating emergency first aid” (3.38) and “recognizing emergency patient needs “(3.67).

Additionally, Radiologic Technology graduates rated how prepared they felt to work with exposure, work by themselves and with others, using the same scale cited above.

- Graduates on average indicated that they were “somewhat prepared” to determine exposure factors, adapt exposure factors and practice radiation protective procedures. The means for each of these factors were closer to four, with the lowest mean (for determining exposure factors) as 3.67. The other two items were rated a 3.89.
- Radiologic Technology graduates mentioned that they were “somewhat prepared”, on average, to work with other professionals and exercise independent judgment. The means for these questions was close to four, with the lowest mean (for exercising independent judgment) at 3.70. The graduates rated working with other professionals at 3.80.

Supplemental Survey Findings (Continued)

Radiologic Technology Professional Memberships and National Registry Exam



- Of the nine Radiologic Technology graduates surveyed, one was a member of the Michigan Society of Radiologic Technologists (MSRT) and three were members of the American Society of Radiologic Technologists (ASRT). Of these nine graduates, seven took the National Registry Exam and all seven passed the exam.



GRADUATE FOLLOW-UP SURVEY

Please make any name or address changes here. Please include your current phone number so that we may update our database.

Your answers will help OCC improve our quality as well as provide employment information to prospective students, as required by Federal Law. Your answers will be kept confidential, only statistical averages will be reported. Thank you for your assistance.

- A. For this page, indicate the **Importance** of each item by marking the appropriate number on the left.
- B. Then, for the same items, indicate your **Satisfaction** with each item by marking the appropriate number on the right.
- C. Mark **8** if an item **does not apply** to you.
- D. PLEASE REMEMBER TO ASSESS BOTH THE IMPORTANCE AND SATISFACTION FOR EACH ITEM.

1. IMPORTANCE

SATISFACTION

Very Unimportant Somewhat Unimportant Somewhat Important Very Important Does Not Apply

Very Dissatisfied Somewhat Dissatisfied Somewhat Satisfied Very Satisfied Does Not Apply

1	2	3	4	8		1	2	3	4	8
1	2	3	4	8	Courses in your major field	1	2	3	4	8
1	2	3	4	8	General education/support courses	1	2	3	4	8
1	2	3	4	8	Relevance of course work to everyday life	1	2	3	4	8
1	2	3	4	8	Overall quality of teaching	1	2	3	4	8
1	2	3	4	8	Overall relationship with faculty	1	2	3	4	8
1	2	3	4	8	Out of class access to faculty	1	2	3	4	8
1	2	3	4	8	Academic advising by counselors	1	2	3	4	8
1	2	3	4	8	Personal counseling services	1	2	3	4	8
1	2	3	4	8	Career planning services	1	2	3	4	8
1	2	3	4	8	Quality of internships/practical experiences	1	2	3	4	8
1	2	3	4	8	Overall quality of your education	1	2	3	4	8
1	2	3	4	8	Clarity of program requirements	1	2	3	4	8
1	2	3	4	8	Overall level of intellectual growth	1	2	3	4	8
1	2	3	4	8	Overall experience as an OCC student	1	2	3	4	8
1	2	3	4	8	Quality of classroom facilities	1	2	3	4	8
1	2	3	4	8	Ease of general registration process	1	2	3	4	8
1	2	3	4	8	Desired classes offered at convenient times	1	2	3	4	8
1	2	3	4	8	Attitude of college staff toward students	1	2	3	4	8
1	2	3	4	8	Quality of OCC library facilities	1	2	3	4	8
1	2	3	4	8	Quality of OCC computer facilities	1	2	3	4	8

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	Definitely Not	Probably Not	Probably Yes	Definitely Yes
2. If you were given the chance to start school over again, would you still choose OCC?	1	2	3	4
3. If you were given the chance to start over again, would you still choose the same OCC program of study?	1	2	3	4
4. Since graduating from OCC, have you attended another college or returned to OCC for additional classes? <i>(Check all that apply)</i>				
<input type="checkbox"/> I returned to OCC within six (6) months of graduating from OCC.				
<input type="checkbox"/> I returned to OCC more than six (6) months after graduating from OCC.				
<input type="checkbox"/> I began attending another college within six (6) months of graduating from OCC.				
<input type="checkbox"/> I began attending another college more than six (6) months after graduating from OCC.				
<input type="checkbox"/> I have not attended any college since graduating from OCC. → <i>Skip to Question 12</i>				

☛ Please answer question 5 ONLY if you have taken classes at OCC since graduating.

5. What is the primary reason you decided to **return to OCC** to take additional courses? *(Please check only one response)*
- (1) For personal enrichment (not related to a job)
 - (2) To enhance my knowledge/skills in my current job
 - (3) To advance in my current job
 - (4) To enable me to find a job in the same field as my degree/certificate
 - (5) To gain skills to find a job in a field different from my degree/certificate
 - (6) To transfer to another university
 - (7) To obtain additional degree/certificate(s) from OCC

Degree(s) (Specify) _____

Certificate(s) (Specify) _____

(8) Other (Specify) _____

☛ Please complete this section ONLY if you have taken classes at another college besides OCC.
* Otherwise skip to Question 16a.

6. What School/Institution have you **most recently attended?** (Specify) _____
7. What is your area of study at this school? (Specify) _____
8. What is your approximate **overall G.P.A.** at your most recent school? ____ (Please write in your G.P.A. – i.e. 2.4)
9. Please indicate your level of satisfaction with the **administrative** procedures for transfer from OCC to your most recent school. *(Please, Circle only one answer for each question asked below)*

	Very Dissatisfied	Somewhat Dissatisfied	Somewhat Satisfied	Very Satisfied	Does Not Apply
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a. Process of obtaining academic transcripts from OCC to apply to your most recent school.	1	2	3	4	8
b. Number of OCC course credits accepted by your most recent school.	1	2	3	4	8
c. Information available at OCC about schools to which you could transfer.	1	2	3	4	8
d. Information available at OCC about specific programs to which you could transfer.	1	2	3	4	8

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e. Information provided by OCC counselors about transfer options. 1 2 3 4 8

9. (Satisfaction with administrative procedures for transfer continued).

	Very Dissatisfied	Somewhat Dissatisfied	Somewhat Satisfied	Very Satisfied	Does Not Apply
f. Information provided by faculty about transfer options.	1	2	3	4	8
g. Information provided about transfer options at OCC by representatives from other colleges or universities.	1	2	3	4	8

10. Please indicate your level of satisfaction with how well OCC prepared you for your academic experiences at your most recent school. *(Please, Circle only one answer for each question asked below)*

	Very Dissatisfied	Somewhat Dissatisfied	Somewhat Satisfied	Very Satisfied	Does Not Apply
a. Academic preparation for general education courses (e.g. English, Math, etc.) at your most recent school.	1	2	3	4	8
b. Academic preparation for courses you are taking in your major field of study at your most recent school.	1	2	3	4	8
c. Preparation for the level of difficulty of course material at your most recent school.	1	2	3	4	8
d. Preparation for the workload expectations of courses (e.g. amount of reading, number of assignments, etc.) at your most recent school.	1	2	3	4	8

11. Are there any additional areas of concern about the transfer process at OCC you wish to tell us about?

☛ Please answer Question 12 through 15 ONLY if you have not attended college since graduating from OCC. Otherwise skip to Question 16a.

12. Please indicate which of the following best represents your future educational plans?

- (1) I plan to attend a 4-year college
- (2) I plan to attend a 2-year college
- (3) I plan to attend non-credit professional development courses/workshops → *Skip to Question 16a*
- (4) I have no plans to continue my education → *Skip to Question 16a*
- (5) Other (Specify) _____

13. When do you think you will begin taking additional classes?

- (1) In the next six months
- (2) Within the next year
- (3) Within the next five years
- (4) Don't Know

14. What school/institution do you think you will most likely attend? (Specify) _____

15. When you decide to attend school again, what will be your likely area of study? (Specify) _____

16a. What was your employment status within 6 months after graduating from OCC? (Check all that apply)

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- Self-employed
- Employed full-time (35 Hours or more per week)
- Employed part-time (34 hours or less per week)
- Employed full-time in military service
- Unemployed, seeking employment
- Not employed, not seeking employment

16b. What is your current employment status? (Check all that apply)

- Self-employed
- Employed full-time (35 Hours or more per week)
- Employed part-time (34 hours or less per week)
- Employed Full-time in Military Service
- Unemployed, seeking employment → *Skip to Question 25*
- Not employed, not seeking employment → *Skip to Question 25*

17. After receiving your OCC Degree/Certificate, how long did you look for work before obtaining your **current** job?

- I had this job before graduating from OCC (Check if true) -or-
I had this job _____ months after graduating from OCC (Please write in Number of Months)

18. For the next three items, please indicate your satisfaction with your OCC Degree/Certificate:

	Strongly Disagree	Somewhat Disagree	Somewhat Agree	Strongly Agree	Does Not Apply
a. My OCC Degree/Certificate helped me to advance in my current place of employment.	1	2	3	4	8
b. My OCC Degree/Certificate helped me to be better prepared in my current position.	1	2	3	4	8
c. I frequently use knowledge gained from my degree/certificate program in my current job.	1	2	3	4	8

19. What is your **YEARLY** salary before deductions? Do not include overtime. This information, when combined with information from others in your field of study, will provide valuable information for students who are considering study in the field.

\$ _____ per year.

20. **During a normal week**, approximately how many hours per week did you work?

I work _____ hours per week (IMPORTANT – Please Write in the Number of Hours)

21. To what extent is your current job related to the Degree/Certificate program you completed at OCC?

- (3) Highly related → *Skip to Question 25*
- (2) Somewhat related → *Skip to Question 25*
- (0) Not at all related

22. If your current job is **NOT related**, did you try to find a job related to your program of study at OCC?

No _____ Yes _____

23. Are you currently looking for work **related** to your OCC Degree/Certificate?

No _____ Yes _____

24. Please indicate the **PRIMARY** reason why you are employed in a job **unrelated** to your OCC Degree/Certificate.

- (1) I was already working with my present employer before I completed my program.
- (2) I did not feel sufficiently qualified for a job in my field.
- (3) I preferred to work in another field.
- (4) I found a better paying job in another field.
- (5) I could not find a job in my field without relocating.
- (6) I am continuing my education.
- (7) Other (Specify) _____

**Oakland Community College
Radiologic Technology Accreditation Summary – GFS
Fall 2003**

25. We would appreciate any suggestions you have for improving OCC's programs, courses, or services. This information will benefit future graduates. Please use the space below for your comments and/or attach another sheet to the questionnaire.

**Please place this questionnaire in the postage-paid envelope provided and drop it in the mail today.
If you have any questions concerning this survey, contact the Office of Institutional Research, Oakland Community College, (248) 341-2123.**



OAKLAND
 COMMUNITY
 COLLEGE

SURVEY OF RADIOLOGIC TECHNOLOGY
 GRADUATES (LGK)

1. Please rate the following **classroom & clinical** experiences by marking the appropriate response.

	<i>Poor</i>	<i>Fair</i>	<i>Good</i>	<i>Excellent</i>
a. Quality of Lectures (Organized & clear)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Quality of Faculty Feedback	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Availability of Faculty	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. Level of Professionalism of Faculty	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. Content of Lectures (Applicable to work)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f. Integration of Course Work & Clinical Education	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
g. Quality of Laboratory Facilities and Equipment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
h. Quality of Clinical Supervision	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
i. Relevance of Classroom/Laboratory material to Clinical Placement	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
j. Availability of Program Director	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
k. Level of Professionalism of Program Director	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
l. Adequately Prepare Students for Seeking Employment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
m. Orientation to the Demands of the Program	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
n. Clearly Outlined the Program's Policies	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

2. Please identify the type(s) of settings you have been employed in since graduation (Mark all that apply):

- 1 Hospital—500 beds or larger
- 2 Hospital—Less than 500 beds
- 3 Clinic
- 4 Mobile
- 5 Other (Please specify): _____

3. Please mark the professional organization(s) that you have membership (*Mark all that apply*):

- 1 American Society of Radiologic Technologists (ASRT)
- 2 Michigan Society of Radiologic Technologists (MSRT)
- 3 Other (Please specify): _____

4. Did you take the National Registry Exam for Radiologic Technologists? 1 Yes 2 No
No (*if no, skip question 6*)

5. Did you pass? 1 Yes 2 No

6. Please indicate how **prepared** you were in the following areas at the time you left OCC:

	<i>Under Prepared</i>	<i>Somewhat Under Prepared</i>	<i>Somewhat Prepared</i>	<i>Well Prepared</i>	<i>Does Not Apply</i>
a. Preparing patients for examinations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Position patients to perform radiographic examination	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Position imaging equipment when performing radiographic examinations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. Modify standard procedures to accommodate patient needs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. Interaction with clients (Rapport building)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f. Determining exposure factors to obtain quality radiographs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
g. Adapting exposure factors to obtain quality radiographs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
h. Practicing radiation protective procedures	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
i. Recognizing emergency patient needs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
j. Initiating emergency first aid	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
k. Initiating basic life support	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
l. Evaluating radiographic images for appropriate positioning	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
m. Evaluating radiographic images for image quality	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
n. Evaluating the performance of radiographic equipment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Oakland Community College
Radiologic Technology Accreditation Summary – GFS

34

- Fall 2003
- o. Exercising independent judgement
- p. Working with other professionals
(radiologists, radiographers, health professionals)

Periodically, the Radiologic Technology program undergoes an accreditation review that requires Oakland Community College contact the employers of past graduates. If you give your consent to contact your current employer, please fill out and sign the appropriate information below.

By signing and providing the information below, I give consent for Oakland Community College to contact the employer listed. I understand that this information will be kept confidential and will be used for accreditation purposes only.

Employer _____
:

Address: _____

Telephone: (____) _____

Supervisor:

Signature: _____ Date: _____

Thank you for your participation!

COVER SHEET

Major Program Revisions and New Programs

New Program Title: RADIOLOGIC TECHNOLOGY

Code: RAD Total Number of Credits: 82

Originator: T. Wangler/L. Kelmenson Campus: Southfield Date: 12/16/87

Campus Department: Science & Health Technology Date: 12/16/87
Neil Merckel

Results of College Coordination: Endorsement Attached

No. of Ballots: 20 No. of Ayes: 16 No. of Nays: 0 Minutes

Advisory Committee (if applicable): Yes No Documentation: Attached

Campus Curriculum: Ann O'Grady Date: 1/19/88

No. of Ballots: 6 No. of Ayes: 6 No. of Nays: 0
(Attached list of voters)

Campus Administration: George Keith, Jean Date: 1/19/88

College Curriculum: _____ Date: _____

No. of Ballots: 9 No. of Ayes: 9 No. of Nays: _____
Senab
Chancellor: _____ Date: _____

Date Posted to Catalog: _____

Chancellor: R. Stephen Korman Date: _____

OAKLAND COMMUNITY COLLEGE
New Program Proposal Format

1. Program Title: RADIOLGIC TECHNOLOGY
2. Target Date for First Offering: Fall 1988
3. Catalog Description: Provide a description of the new program: 100-150 words. See current catalog program descriptions as examples.

The Radiologic Technology program leads to an Associate Degree in Applied Science. Radiologic techologists have direct contact with patients, physicians, and other health care givers in an x-ray department of a hospital and/or clinic, as well as in doctors' offices and free standing emergency centers. They are responsible for preparing the patients for a variety of diagnostic procedures involving the use of high technology equipment, and assisting the physician by performing these procedures so that a diagnosis can be made.

This program is designated as an Extended Associate Program because the student must complete in excess of 72 credit hours. For admission to the second year of the program, see "Program Admission Procedure" below.

Upon completion of this program the graduates are eligible to write a national registry examination by which they can become a Registered Radiologic Technologist (RRT). Individuals who are already RRTs, but do not have an Associate Degree, will be able to take the required supportive courses assigned to this program and earn their degree upon completion.

Program Admission Procedures: Admission to the College does not include admission to the Radiologic Technology Program. Students who are interested in this program must declare Radiologic Technology as their curriculum and have the records department of their home campus send their file to the Science and Health Technology Department of the Southfield Campus before May 1. Students will be notified in writing no later than June 30 if they are accepted into the program.

4. Need for the Program. (If applicable: Attach Advisory Committee documentation; attach Needs Analysis and/or Program Review documentation.) Include anticipated additional staff; anticipated capital outlays; if lab fees required, specify the amount as "recommended by campus."

Minutes of Advisory Meetings containing summary of needs study are attached. (P6-12)

Additional Staff: One Program Director who will administer the DMS at the Radiologic Technology Program. Three to four part-time Radiologic Technologists. Note: Clinical portion of this program will be as

to area hospitals where the students will be supervised "on-site" by qualified hospital personnel under the direction of the Program Director.

Capital Outlay: \$5,000.00.

Lab Fees: will be assigned to the individual RAD courses as they are developed and approved.

5. Are similar programs offered by O.C.C.? Yes No X
If yes, explain the distinctions between this program and the other.

Please note: The DMS profession was at one time an "offshoot" of Radiologic Technology. However, now they are separate entities with their own registry examinations and governing agency through the American Medical Association.

6. What other community colleges or universities offer comparable programs?

Washtenaw Community College
Lansing Community College
Ferris State University

RADIOLOGIC TECHNOLOGY

<u>Required Supportive Courses</u>		<u>Credits</u>
ENG 151	English I	3
ENG 211	Technical Writing	3
MED 110.3	Medical Terminology	3
BIO 163	Anatomy and Physiology I	4
BIO 164	Anatomy and Physiology II	4
PHY 161	Physics	4
PSY 251	Introduction to Psychology	3
OIS 121	Introduction to Microcomputers	1
MDA 135	MEDical Law & Ethics	3
BUS 101	Principles and Practices of Business	3
POL 151	Political Science	3
	Humanities	3
	Physical Education	<u>1</u>
		38

Recommended Curriculum

Major Requirements

RAD	Introduction to Radiologic Technology	2
RAD	Radiographic Procedures I	3
RAD	Radiographic Procedures II	3
RAD	Radiation Physics	3
RAD	Radiation Exposure/Quality Assurance	2
RAD	Clinical Practice I	6
RAD	Radiologic Pathology	2
RAD	Radiation Protection/Radiation Biology	3
RAD	Clinical Practice II	8
RAD	Radiation Seminar	2
RAD	Clinical Practice III	<u>10</u>
		44
	TOTAL	<u>82</u>

**2 YEAR PROGRAM
RADIOLOGIC TECHNOLOGY
WITH PRE-REQUISITES COMPLETED FIRST**

Fall - First Year

ENG 151	English I	3
BIO 163	Anatomy & Physiology I	4
MED 110.3	Medical Terminology	3
POL 151	American Government	3
PSY 251	Intro to Psychology	<u>3</u>
Total		16

Winter - First Year

ENG 211	Technical Writing	3
BIO 164	Anatomy & Physiology II	4
PHY 161	Physics I	4
MDA 135	Medical Law & Ethics	3
PER _____	Physical Ed. - student elects choice	<u>1</u>
Total		15

Spring/Summer - First Year

BUS 101	Principles & Practices of Business	3
HUM _____	Humanities - student elects choice	3
OIS 121	Introduction to Microcomputers	<u>1</u>
Total		7

Summer - First Year

RAD _____	Introduction to Radiologic Technology	2
RAD _____	Radiographic Procedures I	<u>3</u>
Total		5

Fall - Second Year

RAD	___	Radiographic Procedures II	3
RAD	___	Radiation Physics	3
RAD	___	Radiation Exposure/Quality Assurance	2
RAD	___	Clinical Practice I	<u>6</u>
Total - 3 clinical days/3 night classes			14

Winter - Second Year

RAD	___	Radiologic Pathology	2
RAD	___	Radiation Protection/Radiation Biology	3
RAD	___	Clinical Practice II	<u>8</u>
Total - 4 clinical days/2 night classes			13

Spring/Summer - Second Year

RAD	___	Radiation Seminar	2
RAD	___	Clinical Practice III	<u>10</u>
Total - 5 clinical days/1 night class			12

GRAND TOTAL OF CREDIT HOURS **82**

SUMMARY OF SURVEY

40 + SENT

25 RESPONSES

OAKLAND COMMUNITY COLLEGE

Radiologic Technology Survey

1. Do you feel that the job market and/or future job market for Radiologic Technologists is increasing or decreasing?

Increasing 15 Decreasing 5

2. Do you feel there is a need to change the educational programs for Radiologic Technologists?

Yes 15 No 4

3. Do you feel that an Associate Degree will help the technologist of the future?

Yes 18 No 1

4. Do you feel that Oakland Community College should develop a Radiologic Technologist training program?

Yes 14 No 5

5. Would you be willing to serve on an advisory committee for this program?

Yes 14 No 5

6. Would you be willing to help in the development of a college based Radiologic Technology Training program at Oakland Community College?

Yes 12 No 5

7. Would you provide a clinical site for students in this program?

Yes 9 No 5 Maybe - 4

8. Do you currently have a Radiologic Technologist program at your facilities or are you a clinical affiliate site for an institution that does have a Radiologic Technologist program?

Yes 12 No 8

9. How many Radiologic Technologists do you presently employ?

Total number of Technologists:	_____	F.T.E.'s:	_____
Radiology	<u>X</u> <u>670</u>		_____
Nuclear Medicine	_____		_____
Ultrasound	_____		_____

Need Study Cont.

10. How many new employees have you hired in the field in the last year?

102

11. What is your salary range for a Registered Radiologic Technologist?

Minimum \$ 8.50

Maximum \$ 14.

12. What do you estimate your future employment potential in the terms of new positions for:

the next year 41

the next two years 58

the next five years 63

13. How many new people will have to be hired as replacements as a result of turnover?

the next year

the next two years

the next five years

TOTAL 249

14. Are you aware that Oakland Community College offers:

Vocational Counseling

Yes 16

No 7

Academic, Liberal Arts Curriculum

Yes

No 7

Technical Education in the Health occupations

Yes

No 7

Job Placement

Yes

No 7

Continuing Education

Yes

No 7

15. Do you employ any person with educational background from Oakland Community College?

Yes 1 No 10

If you have any questions, please feel free to call

Lillian Kelmenson at 552-2668

or

Theresa Wangler at 552-2669

at

Oakland Community College

HTIV/RodTechSur