



OAKLAND
COMMUNITY
COLLEGE

**Architecture: In-Class Survey
Winter 2003**

Preliminary Report

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Executive Summary

Methodology

In order to determine why students enrolled in OCC Architecture courses, a short In-Class Survey was administered to students enrolled during the Winter 2003 semester. A total of 108 surveys were completed by Architecture students this term. The distribution of respondents by course is as follows:

- ARC 1000 30
- ARC 1040 15
- ARC 1080 17
- ARC 1120 15
- ARC 1140 6
- ARC 2110 18
- ARC 2140 6
- ARC 2180 1

Limitations

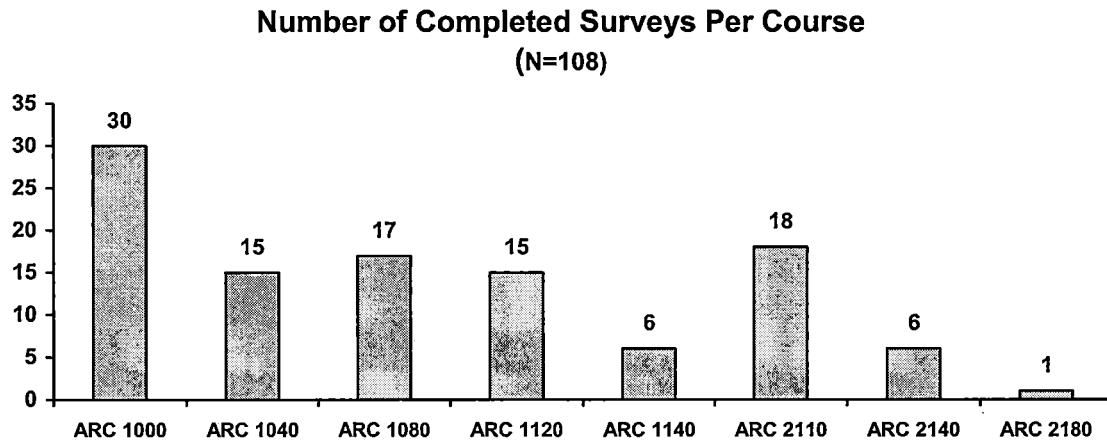
It should be noted that several students completed surveys in multiple courses. Therefore, there may be duplication in the responses included in this report.

Key Findings

- The vast majority of respondents (89.8%) intended to pursue OCC's Associate Degree in Architecture.
- Over half (54.3%) planned to use the knowledge and skills that they have gained in order to transfer to another college or university. Forty percent (40.0%) intended to use their newly acquired skills in a new job with a different employer, and 26.7% planned to use their skills for self-employment.
- Most (73.3%) students learned about the Architecture courses from college publications or catalogs.
- Sixty percent (59.6%) of Architecture students worked full-time, and 24.0% worked part-time.
- Of the 87 employed respondents, 29.9% were employed in positions highly related to Architecture, and 18.4% held jobs that were somewhat related to Architecture.

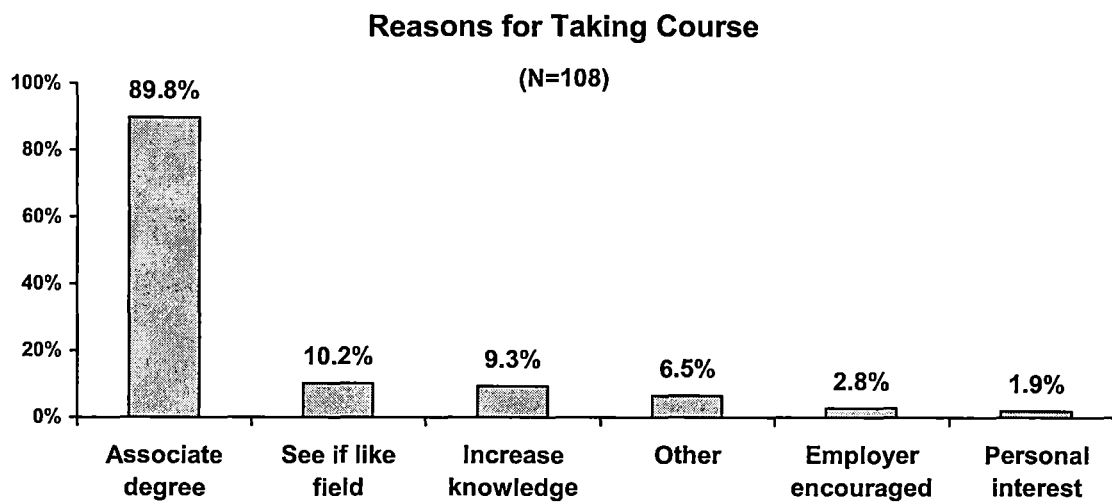
- The demographic profile of the respondents was as follows:
 - Male – 64.2%
 - Mean Age – 28 years; Median age – 24 years
 - White – 84.0%
 - Educational Attainment: Some College – 59.0%; High School Diploma – 17.1%
- When asked about their long-term goals over the next five years, 89.6% planned to obtain a degree in Architecture.
- Sixty-five percent (64.8%) of respondents had met with a counselor to discuss their educational goals.
- Just over a quarter (28.6%) of respondents had taken similar courses at another institution.
 - Among the 28 students who had taken related courses at other schools, 46.1% took these courses at another college, and 42.9% took similar courses at their high school or a vocational education program.

Table 1: Completed Surveys Per Course



Summary: During the Winter 2003 semester, a total of 108 surveys were completed by students in the eight courses listed above. Thirty (or 27.8%) of those surveys were completed by students in the ARC 1000 course. It should be noted, however, that there was some duplication of students in the study, as some students completed surveys in multiple Architecture courses.

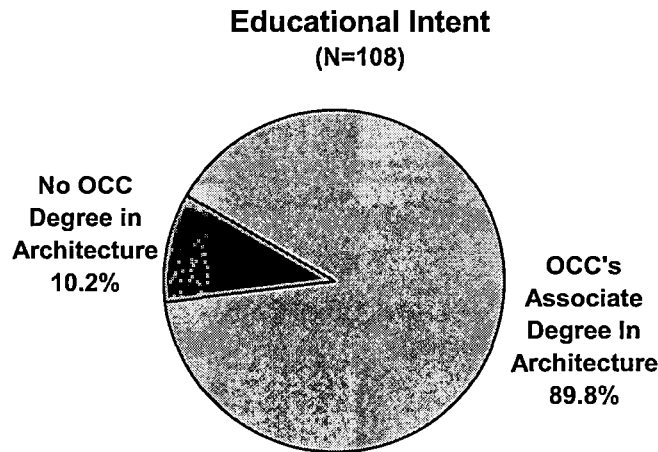
Table 2: Reasons For Taking Courses



Note: Totals exceed 100% as students cited multiple reasons for taking the courses.

Summary: Most (89.8%) students took the course(s) because they intended to obtain an Associate Degree in Architecture from OCC.

Table 3: Educational Intent



Summary: The vast majority (89.8%) of students intended to obtain OCC's Associate Degree in Architecture.

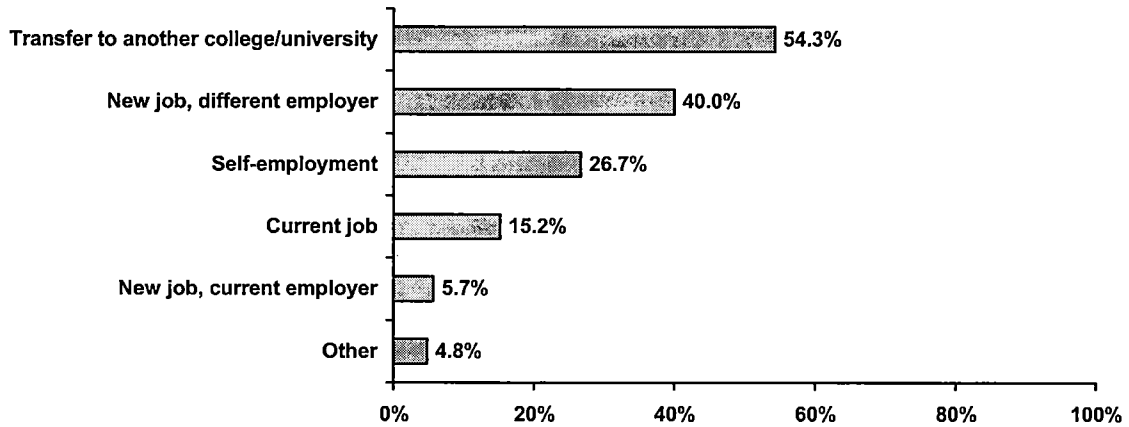
Course Taken Base (N)	<u>Seeking Degree</u> 97	<u>Not Seeking Degree</u> 11
ARC 1000	24.7%	54.5%
ARC 1040	14.4	9.1
ARC 1080	16.5	9.1
ARC 1120	15.5	0.0
ARC 1140	6.2	0.0
ARC 2110	16.5	18.2
ARC 2140	5.2	9.1
ARC 2180	1.0	0.0

Reason for Taking Course Base (N)	<u>Seeking Degree</u> 97	<u>Not Seeking Degree</u> 11
See if like field	5.2%	54.5%
Increase knowledge in specific area	7.2	27.3
Other	5.2	18.2
Employer encouraged	2.1	9.1
Personal interest	0.0	18.2

Summary: Of the eleven students in Architecture courses who did not intend to obtain a degree, six (54.5%) enrolled in the courses to see if they would like the field.

Table 4: How Students Planned To Use Knowledge And Skills Gained In Course

In what way will you use the knowledge/skills gained in this course?
 (N=105)



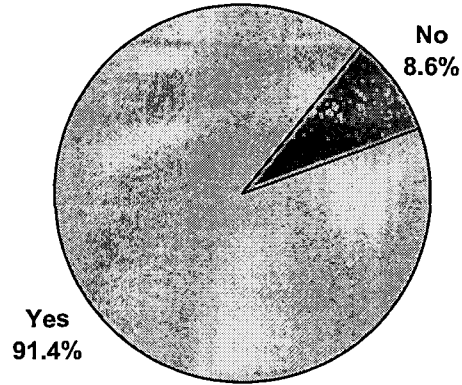
Note: Totals exceed 100% as students cited multiple ways they plan to use skills acquired in courses.

Summary: More than half (54.3%) of students in OCC's Architecture courses intended to use the knowledge they have gained to transfer to another college or university. Forty percent (40.0%) plan to use their knowledge and skills in a new job with a new employer.

	<u>Seeking a Degree</u>	<u>Not Seeking Degree</u>
Base (N)	95	10
Transfer to another college/university	55.8%	40.0%
New job, different employer	41.1	30.0
Self-employment	26.3	30.0
Current job	15.8	10.0
New job, current employer	6.3	0.0
Other	3.2	20.0

Table 5: Ever Taken an OCC Course?

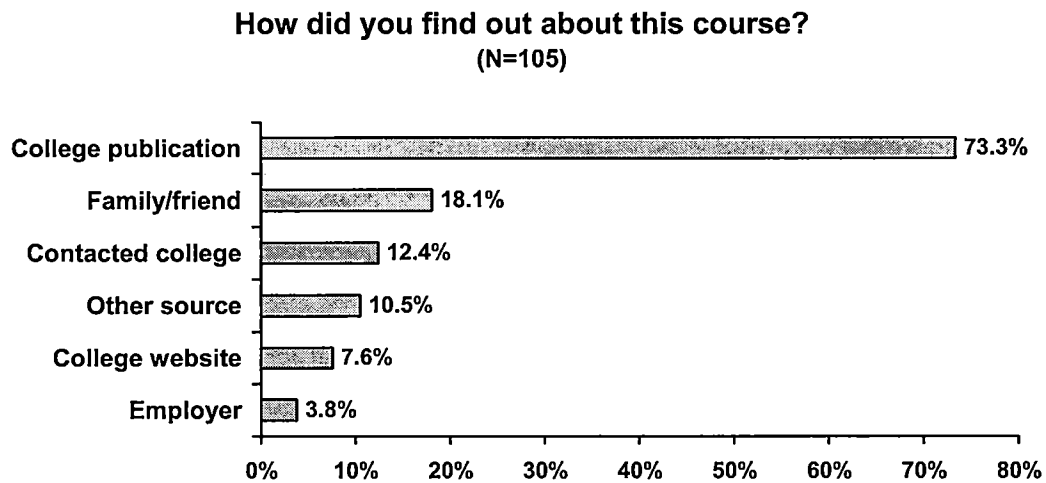
Have you ever taken a course at OCC in the past?
 (N=105)



Summary: Ninety-one percent (91.4%) of students indicated that they have taken courses at OCC in the past.

	<u>Seeking a Degree</u>	<u>Not Seeking Degree</u>
<i>Base (N)</i>	94	11
No, have not taken OCC classes in past	8.5%	9.1%
Yes, have taken OCC classes in past	91.5	90.9

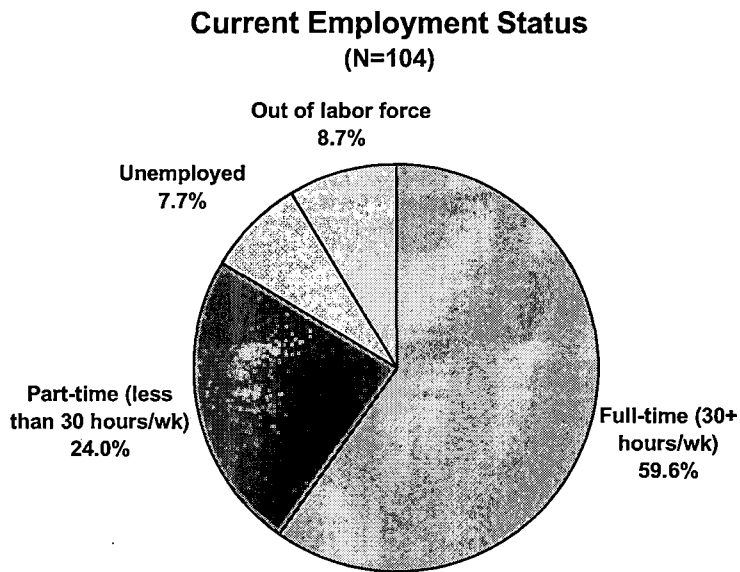
Table 6: How Students Learned About Courses



Summary: Most (73.3%) respondents learned about the Architecture courses from college publications or catalogs. Eighteen percent (18.1%) learned about the courses from a friend or family member.

	<u>Seeking Degree</u>	<u>Not Seeking Degree</u>
<i>Base (N)</i>	94	11
College publication	72.3%	81.8%
Friend/family	18.1	18.2
Contacted college	12.4	9.1
Other Source	10.5	9.1
College website	7.6	0.0
Employer	3.8	18.2

Table 7: Current Employment Status

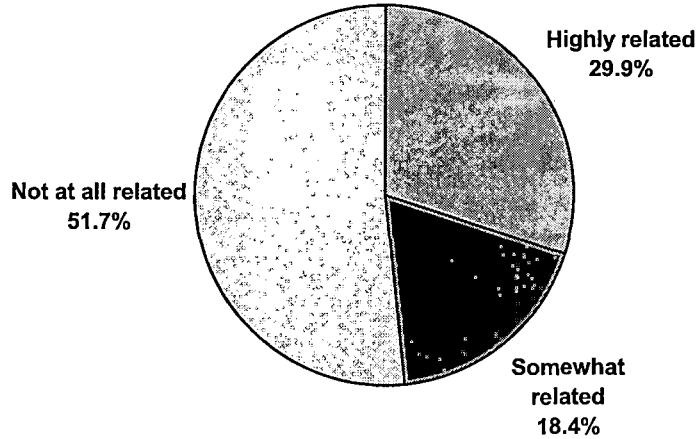


Summary: Sixty percent (59.6%) of Architecture students worked full-time, and 24.0% worked part-time.

	<u>Seeking Degree</u>	<u>Not Seeking Degree</u>
<i>Base (N)</i>	93	11
Full-time (30+ hours/wk)	60.2%	54.5%
Part-time (less than 30 hrs/wk)	23.7	27.3
Unemployed	7.5	9.1
Out of labor force	8.6	9.1

Table 8: Current Job Related To Architecture

**Current Job Related to Automobile Servicing Field?
 (N=87)**



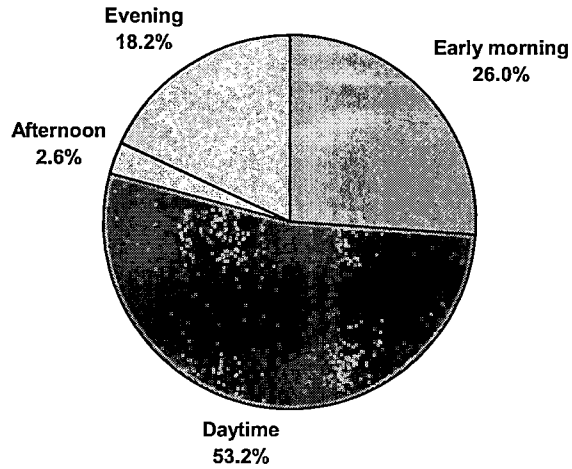
Summary: Thirty percent (29.9%) of students were employed in positions that were highly related to Architecture, and another 18.4% held jobs that were somewhat related to Architecture.

	<u>Seeking Degree</u>	<u>Not Seeking Degree</u>
<i>Base (N)</i>	78	9
Not at all related	52.6%	44.4%
Somewhat related	16.7	33.3
Highly related	30.8	22.2

Table 9: Time of Day Students Work Most Hours

Time of Day Students Work Most of Their Hours

(N=77)



Summary: When asked what time of day students worked most of their hours, 53.2% indicated daytime, while 26.0% listed early morning.

Table 9: Time of Day Students Work Most Hours Continued

Actual work hours listed	When do you work most of your hours?				Total
	Early morning	Daytime	Afternoon	Evening	
12AM - 10PM	0	1	0	0	1
6AM - 3PM	1	0	0	0	1
6AM - 4PM	1	0	0	0	1
6AM - 6PM	2	0	0	0	2
6:30AM - 4:30PM	0	2	0	0	2
7AM - 3:30PM	1	0	0	0	1
7AM - 4PM	1	1	0	0	2
7AM - 4:30PM	1	1	0	0	2
7AM - 5PM	2	1	0	0	3
7AM - 5:30PM	0	2	0	0	2
7:30AM - 1PM	2	0	0	0	2
7:30AM - 4:30PM	0	1	0	0	1
8AM - 3AM	0	0	1	0	1
8AM - 4PM	0	2	0	0	2
8AM - 4:30PM	0	1	0	0	1
8AM - 5PM	2	4	0	0	6
8AM - 6PM	1	2	0	0	3
8:30AM - 4PM	0	1	0	0	1
8:30AM - 5:30PM	0	1	0	0	1
9AM - 12PM	1	0	0	0	1
9AM - 5PM	1	4	0	0	5
9AM - 5:30PM	1	0	0	0	1
9AM - 6PM	1	2	0	0	3
9AM - 7PM	1	0	0	0	1
9:30AM - 5:30PM	0	2	0	0	2
10AM - 5PM	0	1	0	0	1
10AM - 8PM	0	2	0	0	2
10AM - 9PM	0	3	0	0	3
11AM - 6PM	1	0	0	0	1
11AM - 11PM	0	1	0	0	1
12PM - 8PM	0	1	0	0	1
4PM - 11PM	0	0	0	2	2
4PM - 1AM	0	0	0	2	2
5PM - 9PM	0	0	0	2	2
5PM - 10PM	0	0	0	2	2
5PM - 1AM	0	1	0	0	1
7PM - 12AM	0	0	0	1	1
11PM - 7:30AM	0	0	0	1	1
Total	20	37	1	10	68

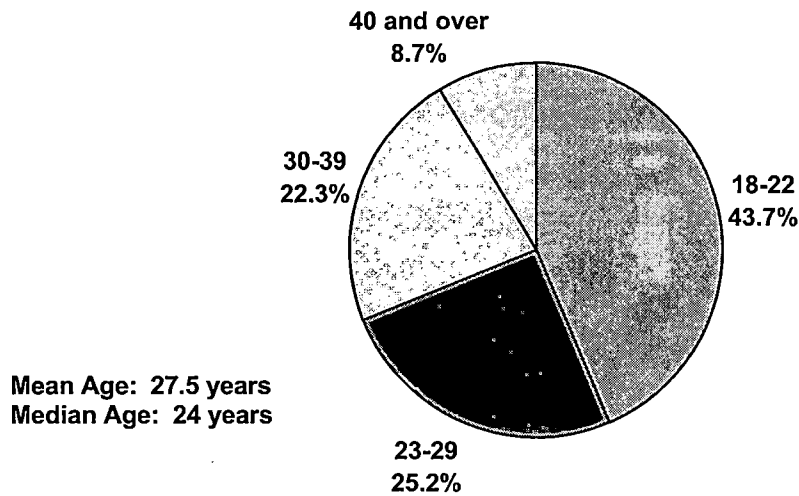
Summary: Responses pertaining to the time of day that students worked most of their hours are subjective and may not match conventional definitions of these hours. For example, some students listed "early morning" hours as 8 AM to 5 PM, while others referred to these hours as "daytime."

Table 10: Current Job Title

Current job Title	<i>To what extent is job related to Architecture</i>			Total
	Highly related	Somewhat related	Not at all related	
Builder	3	0	0	3
Student Engineer	3	0	0	3
Landscape Designer	2	1	0	3
Construction Superintendent	2	1	0	3
Project Manager	2	0	0	2
Rough Carpenter/Carpenter	2	0	0	2
Student	2	0	0	2
Salesperson/Sales Associate	1	1	0	2
Clay Modeler/Clay Model Maker	1	0	1	2
Corp. Engineer	1	0	0	1
Designer	1	0	0	1
Engineer	1	0	0	1
Errand Boy for Architect	1	0	0	1
Estimator Landscape Contractor	1	0	0	1
Facility Manager	1	0	0	1
Framer	1	0	0	1
New Construction Coordinator	1	0	0	1
Project Assistant	1	0	0	1
Services Coordinator	1	0	0	1
Shift Runner	1	0	1	2
CAD Operator/CAD Tech	0	3	0	3
Customer Assistant/Customer Service Agent	0	2	1	3
Design Assistant	0	1	0	1
Greenhouse Manager/Construction	0	1	0	1
Mechanical Engineer	0	1	0	1
Parts Runner	0	1	0	1
Restaurant Server/Waitress/Waiter	0	1	3	4
Shipping/Receiving	0	1	1	2
Stock/Stocker	0	1	3	4
Assistant Manager	0	0	2	2
Auto Mechanic/Auto Technician	0	0	3	3
Cashier	0	0	3	3
Optician	0	0	3	3
Consultant - IT	0	0	1	1
Cook	0	0	1	1
Expediter	0	0	1	1
Manager	0	0	1	1
Pre-Press Supervisor	0	0	1	1
Processing Assistant/Assistant Loan Officer	0	0	1	1
Receptionist	0	0	1	1
Service Rep	0	0	1	1
Software Consultant	0	0	1	1
Special Education Teacher	0	0	1	1
Other	0	0	13	13
Total	29	15	44	88

Table 11: Age

Age of Respondent (N=72)

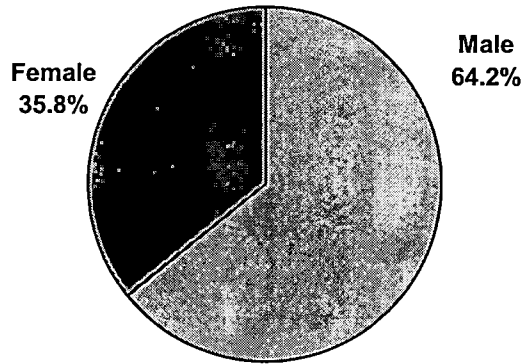


Summary: The average age of Architecture students was approximately 28 years. Half of all Architecture students were over the age of 24.

	<u>Seeking Degree</u>	<u>Not Seeking Degree</u>
<i>Base (N)</i>	93	10
18 - 22 years	41.9%	60.0%
23 - 29 years	26.9	10.0
30 - 39 years	23.7	10.0
40 years and over	7.5	20.0
<i>Mean Age</i>	27.4 years	28.7 years
<i>Median Age</i>	24 years	22 years

Table 12: Gender

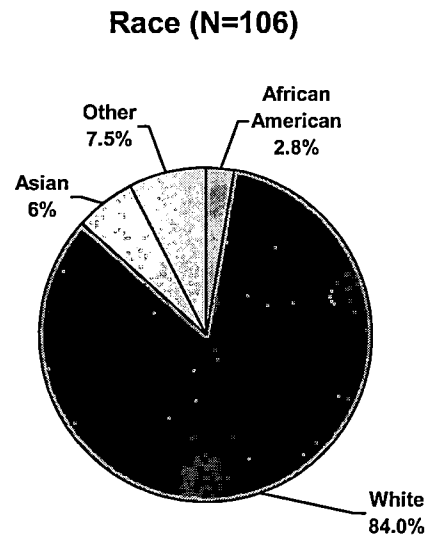
Gender (N=106)



Summary: More than one-third (35.8%) of Architecture students were female.

	<u>Seeking Degree</u>	<u>Not Seeking Degree</u>
<i>Base (N):</i>	95	11
Male	67.4%	36.4%
Female	32.6	63.6

Table 13: Race

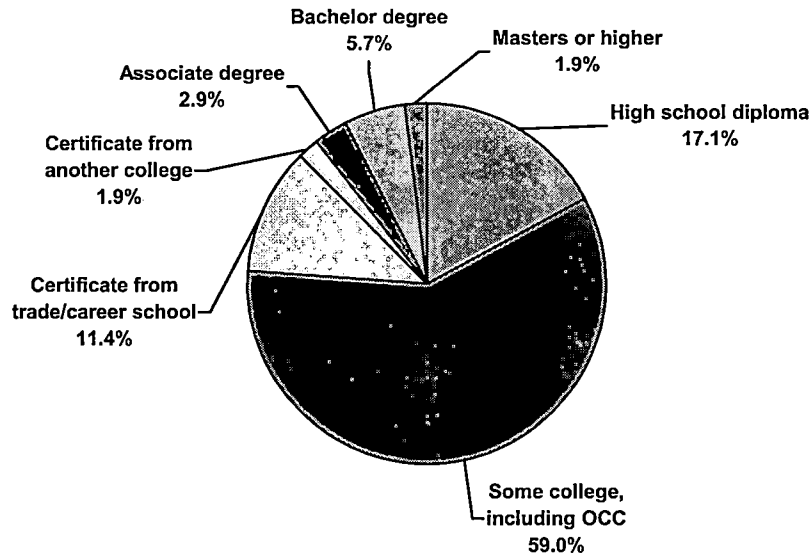


Summary: The majority (84.0%) of students in the Architecture courses classified themselves as White.

	<u>Seeking Degree</u>	<u>Not Seeking Degree</u>
<i>Base (N)</i>	95	11
White	84.2%	81.8%
African American	2.1	9.1
Asian	6.3	0.0
Other	7.4	9.1

Table 14: Educational Attainment

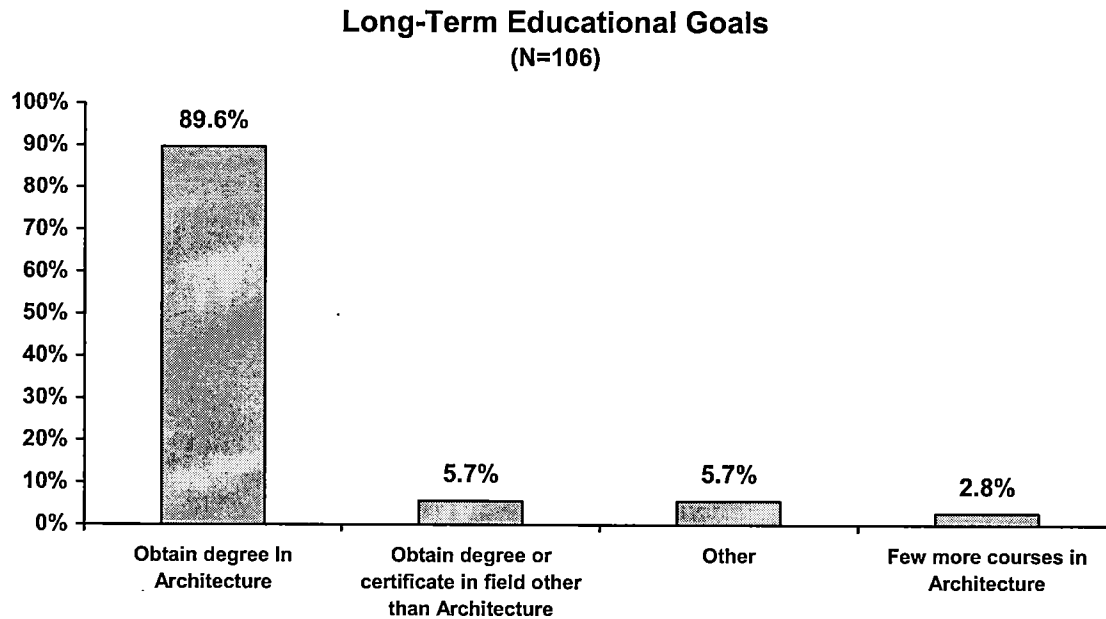
Highest Level of Education Attained (N=105)



Summary: Most (82.9%) students in the Architecture courses have previously attended college.

	<u>Seeking Degree</u>	<u>Not Seeking Degree</u>
<i>Base (N)</i>	94	11
High school diploma	18.1%	9.1%
<i>Any College</i>	81.9	90.9
Some college	59.6	54.5
Certificate from career/trade school	11.7	9.1
Certificate from another college	2.1	0.0
Associate degree	2.1	9.1
Bachelor degree	5.3	9.1
Masters degree or higher	1.0	9.1

Table 15: Long-Term Educational Goals (Next Five Years)



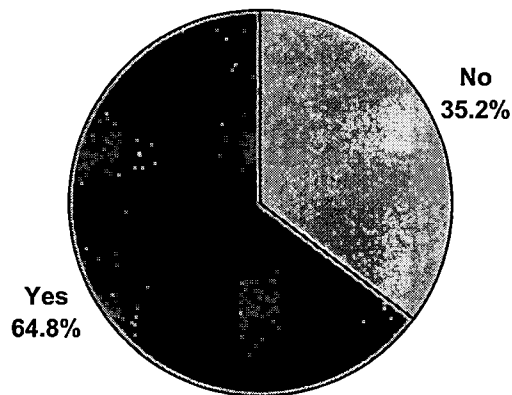
Note: Totals may exceed 100%, as four students marked more than one option.

Summary: Most (89.6%) of students in Architecture courses planned to obtain their degree in Architecture.

	<u>Seeking Degree</u>	<u>Not Seeking Degree</u>
<i>Base (N)</i>	95	11
Obtain certificate or degree in Architecture	96.8%	27.3%
Obtain certificate or degree in field other than Architecture	3.2	27.3
Other	4.2	18.2
Few more courses in Architecture	0.0	27.3

Table 16: Interaction With Counselor Regarding Educational Goals

**Percent of Students Who Met With Counselor to Discuss
 Educational Goals
 (N=105)**

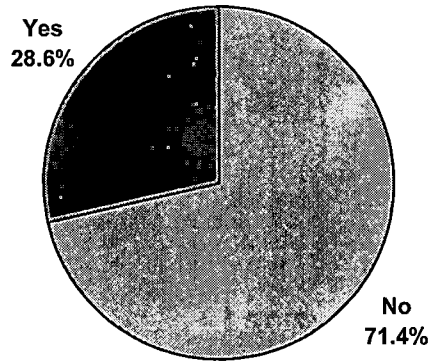


Summary: Most (64.8%) students in Winter 2003 Architecture courses had met with a counselor to discuss their educational goals.

	<u>Seeking a Degree</u>	<u>Not Seeking Degree</u>
<i>Base (N)</i>	94	11
No, have not met with counselor	35.1%	36.4%
Yes, have met with counselor	64.9	63.6

Table 17: Students Who Have Taken Similar Courses at Other Schools

**Percent of Students Who Have Taken Similar Courses
 Related to Architecture at Any Other Schools
 (N=71)**

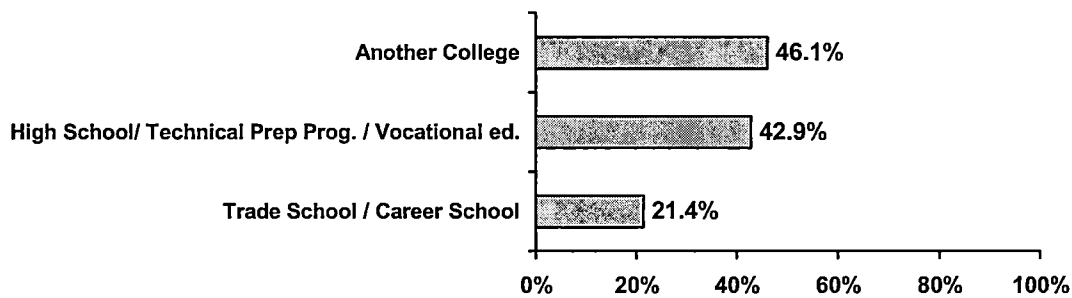


Summary: More than one-fourth (28.6%) of students surveyed have taken courses related to Architecture at other schools.

	<u>Seeking Degree</u>	<u>Not Seeking Degree</u>
<i>Base (N)</i>	94	11
No, have not taken similar courses at other schools	71.3%	72.7%
Yes, have taken similar courses at other schools	28.7	27.3

Table 18: Other Schools At Which Students Have Taken Courses

**Other Schools at Which Architecture Students Have Taken
 Related Courses
 (N=28)**



Note: Totals exceed 100% as students have taken similar courses at more than one institution.

Summary: Of the 28 students who have taken related courses at other institutions, 46.1% have taken those courses at another college, and 42.9% took them during high school.

	<u>Seeking Degree</u>	<u>Not Seeking Degree</u>
<i>Base (N):</i>	28	2
High School/Technical Prep Prog./Vocational Ed.	42.3%	50.0%
Trade School/Career School	19.2	0.0
Another College	38.5	50.0

Appendix:

**GIS Maps
Zip Codes of Residence for
OCC Architecture In-Class Survey Respondents**



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Student Questionnaire Architecture Program

The information you provide on this form will greatly enhance OCC's ability to understand the backgrounds and goals of students who enroll in Architecture courses. As a result, OCC will be able to better meet the needs of its students.

1. Which of the following are reasons you are taking this course? **(Check all that Apply)**

- Pursuing OCC's Associates Degree in Architecture
- Personal interest (enjoyment only, not for career reasons)
- Increase my knowledge in a specific area of Architecture
- My employer encouraged me to take this course
- To see if I like the field
- Other reason: _____

2. In what way will you use the knowledge and skills gained in this course? **(Check all that Apply)**

- Self-employment
- Use knowledge in my current job
- Get a new job with a different employer
- Get a new job with current employer
- Transfer to another college/university
- Other _____

3. Have you ever taken a course at OCC in the past? Yes No

4. How did you find out about this course? **(Check all that Apply)**

- Employer
- Friend/Family member
- College catalog, advertisement or other college publications
- College's web site
- Contacted the College
- Other: _____

5. Current employment status **(Check Only One)**

- Full-time (30 or more hours per week)
- Part-time (Less than 30 hours per week)
- Unemployed (actively looking for work) **go to question #9**
- Out of labor force (not looking for a job at this time) **go to question #9**

6. When do you typically work most of your hours? **(Check only ONE option that most closely resembles your work hours)**

- Early morning -> Time: _____ AM / PM until _____ AM / PM
- Daytime -> Time: _____ AM / PM until _____ AM / PM
- Afternoon -> Time: _____ AM / PM until _____ AM / PM
- Evening -> Time: _____ AM / PM until _____ AM / PM

7. To what extent is this job related to Architecture?

- Highly related Somewhat related Not at all related

8. Current job title: _____

9. Home zip code: _____

10. Year of birth: 19_____

11. Gender: Female Male

12. Race: African American White Asian Hispanic Other _____

13. Your highest level of education attained thus far. **(Check Only One)**

- Some high school
- High school diploma
- Some college, no degree or certificate (**including any courses taken at OCC prior to this semester**)
- Certificate from a trade school or career school
- Certificate from another community college
- College degree -> Associates Bachelors Masters or higher

14. What are your long-term (next five years) educational goals? **(Check Only One)**

- Only take this one course
- Take a few more courses in Architecture
- Take a few more courses, but not in Architecture
- Obtain a Certificate or Degree in the area of Architecture
- Obtain a Certificate or Degree in a field other than Architecture
- Other: _____

15. Have you met with a counselor to discuss your educational plans?

- Yes No

16. Have you taken similar courses or courses related to this major at any other schools?

- Yes No

17. If yes, where have you taken these courses?

- High School/technical preparation program/vocational education
- Trade school/Career school
- Another College: _____