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Subject: Survey of Graduates - Spring 2011

De Anza students who obtained a degree or certificate in the academic year 2009-10 who had a valid email address were sent an email with a survey link embedded asking for feedback on their experiences at De Anza College and to gather information on what they are doing after receiving their degree/certificate. The online survey linked their student ID to their response for tracking purposes. A reminder email was sent two weeks later. The survey was kept online for one month. The survey was sent to 1,527 respondents, 270 former students responded to the survey for a response rate of 18%.

The analysis included five parts: 1) demographic information – ethnicity and gender of respondents and the graduate population of all students that received a degree or certificate in 2009-10; 2) academic information – degree received and division of degree received of respondents and graduate population; 3) general questions: employment status, enrollment at a university or college, reason for obtaining degree/certificate, support services used, areas for improvement; 4) work related questions: career goals, employment status, salary, and services used at De Anza; 5) transfer related questions: college currently enrolled, field of study, transfer related services used at De Anza.

All respondents answered the general survey questions, only respondents not enrolled full-time at a university/college answered the work related questions, and only respondents enrolled full or part-time at a university/college answered the transfer related questions. Highlights include:

Workforce Related Questions

- Of the respondents who are not enrolled in a college or university full-time, 48% of respondents report they are working in a field related to their studies at De Anza, while 29% are not working in an applicable field, and 23% are not employed.
- Respondents were asked which support services they consider to be most important in obtaining their degree, about 23% stated each of the following: access to resource centers and skill building labs, assistance finding internships and other work-based learning opportunities, and peer mentors and tutors.
- Respondents were asked which career services would be most helpful, 25% stated job search assistance, 18% stated on-campus interviews with employers, and 17% stated each of the following: career fairs, networking opportunities for current students with alumni, and professional development or continuing education workshops.

Transfer Related Questions

- The largest proportion of De Anza students transferred to San Jose State at 38%, 6% are at San Francisco State University, 5% are still enrolled at Foothill or De Anza, 4% at CSU East Bay,

3% are at UC Berkeley, 2% at UC San Diego, and 19% are at another university/college not listed.

- Respondents enrolled at a university or college (part or full-time) were asked to report on the transfer-related services that were most and least helpful at De Anza, the largest difference in responses were: 26% of respondents stated that information on transferable courses was most helpful while only 6% of respondents stated this was least helpful, reinforcing the importance of this service for transfer students. In regards to respondents reporting the least helpful service, 24% states transfer activities such as visits from representatives from different universities at De Anza, while only 7% stated this was most helpful.

Comparison of Most/Least Helpful Transfer-related Activities at De Anza College

| | % | % | % |
|--|-----------------|------------------|------------|
| | Most Helpful | Least Helpful | Difference |
| a. Information on transferable courses (general education courses, courses required for intended major, electives) | 26% | 6% | 20% |
| b. Counseling services (professional assistance provided by counselors/academic advisors) | 23% | 19% | 3% |
| c. Information on Transfer Admission Agreements | 12% | 10% | 2% |
| d. Information on programs available at four-year colleges and their specific requirements | 12% | 15% | -3% |
| e. Transfer activities, i.e. visits from representatives from different universities at De Anza | 7% | 24% | -17% |
| f. Information provided on the Transfer Planning Website | 12% | 19% | -7% |
| g. Other | 7% | 7% | 0% |

Respondents Compared to All Graduates

- The largest proportion of respondents identified as White (36%) or Asian (27%). Respondents identifying as White participated in the survey at a higher rate than their proportion of graduates (24%), while Asian respondents participated in the survey at a lower rate than their proportion of graduates (36%). All other ethnic groups participated at a rate equal to that of all graduates.
- Respondents who received an Associate in Arts degree responded at the highest rate (46%), though lower than their proportion of graduates (64%). Respondents with a Certificate of Achievement made up 25% of the survey population, slightly higher than their proportion of graduates (19%), and graduates with an Associate in Science degree made up 16% of the survey population but only 8% of the total graduate population. All other degrees/awards responded at a rate equal to their proportion of the total population.
- The division with the highest response rate was Liberal Arts making up 30% of the survey population, Liberal Arts awards 51% of degrees at De Anza. This was followed by graduates of the Biological, Health and Environmental Sciences division at 20%, slightly higher than their total population (13%), Social Sciences and Humanities also responded at a slightly higher rate, 17% of respondents and 10% of the total graduate population. All other divisions responded at a rate similar to their proportion of the graduate population.

Demographic Distribution of Respondents Compared to All Graduates

Distribution of Race/Ethnic Groups for Respondents and All Graduates

| Ethnic Group | Respondents | | All Graduates | |
|--------------------------------|-------------|-------------|---------------|-------------|
| | Number | Percent | Number | Percent |
| American Indian/Alaskan Native | 1 | 0% | 4 | 0% |
| Asian | 64 | 22% | 566 | 36% |
| Black or African American | 9 | 3% | 48 | 3% |
| Decline to State or Unknown | 41 | 16% | 234 | 16% |
| Filipino | 12 | 5% | 77 | 5% |
| Hispanic | 40 | 14% | 199 | 12% |
| Middle Easterner | 3 | 1% | 20 | 1% |
| Multiple Ethnicity | 7 | 3% | 34 | 2% |
| Pacific Islander | 0 | 0% | 9 | 1% |
| White | 93 | 36% | 336 | 24% |
| Total | 270 | 100% | 1,527 | 100% |

Note: Students may report more than 1 ethnic group across terms.

Distribution of Gender for Respondents and All Graduates

| Gender | Respondents | | All Graduates | |
|--------------|-------------|-------------|---------------|-------------|
| | Number | Percent | Number | Percent |
| Female | 185 | 63% | 911 | 59% |
| Male | 85 | 37% | 616 | 41% |
| Total | 270 | 100% | 1,527 | 100% |

Distribution Across Degrees/Awards for Respondents and All Graduates

| Degree/Award | Respondents | | All Graduates | |
|-------------------------------------|-------------|-------------|---------------|-------------|
| | Number | Percent | Number | Percent |
| Associate in Arts | 143 | 46% | 1,069 | 64% |
| Associate in Science | 50 | 16% | 138 | 8% |
| Certificate of Achievement | 80 | 25% | 312 | 19% |
| Certificate of Advanced Achievement | 32 | 10% | 99 | 6% |
| Certificate of Completion | 2 | 1% | 14 | 1% |
| Certificate of Proficiency | 8 | 2% | 38 | 2% |
| Total | 315 | 100% | 1,670 | 100% |

Note: Students may earn more than one degree or certificate.

Note: The all graduate population is the count of De Anza students who obtained a degree or certificate during the 2009-10 academic year, and who had an email address in the system at the time of the survey.

Demographic Distribution of Respondents Compared to All Graduates, Continued

Distribution Across Divisions for Respondents and All Graduates

| Division | Respondents | | All Graduates | | Response Rate by Division |
|---|-------------|-------------|---------------|-------------|---------------------------|
| | Number | Percent | Number | Percent | |
| Applied Technologies | 13 | 6% | 52 | 4% | 4% |
| Biological, Health and Environmental Sciences | 59 | 20% | 193 | 13% | 20% |
| Business/Computer Systems | 33 | 13% | 171 | 12% | 11% |
| Creative Arts | 14 | 7% | 67 | 5% | 5% |
| Liberal Arts | 104 | 30% | 900 | 51% | 36% |
| Intercultural/International Studies | 1 | 0% | 1 | 0% | 0% |
| Language Arts | 21 | 6% | 62 | 4% | 7% |
| Physical Education | 3 | 1% | 13 | 1% | 1% |
| Social Sciences and Humanities | 44 | 17% | 144 | 10% | 15% |
| Total | 292 | 100% | 1,603 | 100% | 100% |

Note: Students may earn more than one degree or certificate.

Note: The all graduates population is the count of De Anza students who obtained a degree or certificate during the 2009-10 academic year, and who had an email address in the system at the time of the survey.

General Questions for all Respondents

1. What was the purpose for obtaining a certificate/degree at De Anza College (Select all that apply.)

| | Number | Percent |
|--|---------------|----------------|
| a. To enter the workforce for the first time | 35 | 11% |
| b. To retrain and/or reenter the workforce | 82 | 26% |
| c. To advance in my current profession | 65 | 21% |
| d. To prepare for transfer to UC, CSU, or other college/university | 135 | 43% |
| Total | 317 | 100% |

Note: Percentages are based on total number of responses, 317.

2. Are you currently employed?

| | Number | Percent |
|--------------------------------------|---------------|----------------|
| a. Yes, full time | 89 | 33% |
| b. Yes, 20-39 hours per week | 45 | 17% |
| c. Yes, fewer than 20 hours per week | 30 | 11% |
| d. No, not currently employed | 106 | 39% |
| Total | 270 | 100% |

Note: Percentages are based on total number of responses, 270.

3. Are you currently a student at a university or college?

| | Number | Percent |
|---|---------------|----------------|
| a. Yes, full time at a four-year university | 93 | 34% |
| b. Yes, part time at a four-year university | 10 | 4% |
| c. Yes, full time at a community or private college | 15 | 6% |
| d. Yes, part time at a community or private college | 25 | 9% |
| e. No | 127 | 47% |
| Total | 270 | 100% |

Note: Percentages are based on total number of responses, 270.

General Questions for all Respondents, Continued

4. What would you describe as the most important reason(s) for someone to obtain this degree/certificate at De Anza versus other colleges? (Select all that apply.)

| | Number | Percent |
|--|------------|-------------|
| a. Program is closely aligned with industry/professional licensure or certification requirements | 130 | 21% |
| b. Faculty are experts in the field | 118 | 19% |
| c. Program has close connections with local industry | 61 | 10% |
| d. Campus location (for example, easy access from work or home) | 140 | 23% |
| e. Program has good reputation with local industry | 140 | 23% |
| f. Program is only offered at De Anza | 31 | 5% |
| Total | 620 | 100% |

Note: Percentages are based on total number of responses, 620.

5. Based on your overall experience, would you recommend obtaining this degree/certificate at De Anza to others?

| | Number | Percent |
|--------------|------------|-------------|
| a. Yes | 222 | 82% |
| b. Maybe | 46 | 17% |
| c. No | 2 | 1% |
| Total | 270 | 100% |

Note: Percentages are based on total number of responses, 270.

6. Which support services do you consider the most important for helping students succeed in obtaining this degree/certificate? (Select all that apply.)

| | Number | Percent |
|--|------------|-------------|
| a. Peer mentors and tutors | 123 | 22% |
| b. Professional experts in labs | 105 | 19% |
| c. Access to resource centers and skill-building labs | 129 | 23% |
| d. Assistance finding internships and other work-based learning opportunities | 127 | 23% |
| e. Referrals to other Student Services programs: OTI, CalWORKs, EOPS, Disability Support Services, Financial Aid and Educational Diagnostic Center | 79 | 14% |
| Total | 563 | 100% |

Note: Percentages are based on total number of responses, 563.

General Questions for all Respondents, Continued

7. Please briefly describe what areas of this degree/certificate should be improved.

| <i>General construct/classification</i> | Number | Percent |
|---|---------------|----------------|
| A formal internship/mentoring program | 10 | 4% |
| Additional courses | 15 | 6% |
| Additional programs | 4 | 2% |
| Career placement and counseling | 25 | 9% |
| Collaborate with other colleges to ease with transfer | 3 | 1% |
| Improve course content | 9 | 3% |
| Improve scheduling, courses overlap | 2 | 1% |
| Information on jobs you can get with degree | 7 | 3% |
| Keep animation program | 2 | 1% |
| More Tech Writing program courses | 2 | 1% |
| More simulations | 4 | 2% |
| More training for instructors | 11 | 4% |
| No improvements needed | 13 | 5% |
| Professional mentors | 3 | 1% |
| No Response | 155 | 58% |
| Total | 265 | 100% |

Note: Percentages are based on students who answered the open-ended item, categories were grouped based on the general theme for each response.

Students Not Enrolled Full-time at a University or College

W1. How did De Anza help you achieve your career goals? (Select all that apply.)

| | Number | Total |
|---|------------|-------------|
| a. Helped me obtain my current job | 36 | 17% |
| b. Helped prepare me for industry/state/national licensure or certification | 66 | 31% |
| c. Helped me improve my job performance | 52 | 25% |
| d. Helped me receive a raise and/or promotion | 20 | 10% |
| e. Did not help me achieve my career goals | 36 | 17% |
| Total | 210 | 100% |

Note: Only includes respondents not enrolled full-time at a university/college.

W2. Please choose the answer that best describes your current employment status.

| | Number | Total |
|---|------------|-------------|
| a. Currently employed | 108 | 67% |
| b. Not employed, actively seeking employment | 29 | 18% |
| c. Not employed, waiting for certification or licensure to be granted | 5 | 3% |
| d. Not employed, not actively seeking employment | 19 | 12% |
| Total | 161 | 100% |

Note: Only includes respondents not enrolled full-time at a university/college.

W3. Are you working in a field related to your studies at De Anza?

| | Number | Total |
|-----------------------|------------|-------------|
| e. Yes | 77 | 48% |
| f. No | 47 | 29% |
| g. N/A - not employed | 37 | 23% |
| Total | 161 | 100% |

Note: Only includes respondents not enrolled full-time at a university/college.

W4. What is your approximate salary?

| | Number | Total |
|--------------------------------|------------|-------------|
| h. \$0-\$30,000 annually | 35 | 22% |
| i. \$30,001-\$50,000 annually | 28 | 18% |
| j. \$50,001-\$70,000 annually | 26 | 16% |
| k. \$70,001-\$90,000 annually | 14 | 9% |
| l. More than \$90,001 annually | 9 | 6% |
| m. N/A - not employed | 47 | 30% |
| Total | 159 | 100% |

Note: Only includes respondents not enrolled full-time at a university/college.

Students Not Enrolled Full-time at a University or College, Continued

W5. Which of the following career services would be the most helpful to De Anza students and recent graduates? (Select all that apply.)

| | Number | Total |
|---|------------|-------------|
| n. Job search assistance | 119 | 25% |
| o. Career fairs | 83 | 17% |
| p. On-campus interviews with employers | 88 | 18% |
| q. Networking opportunities for current students with alumni | 81 | 17% |
| r. Professional development or continuing education workshops | 83 | 17% |
| s. Other | 25 | 5% |
| Total | 479 | 100% |

Note: Only includes respondents not enrolled full-time at a university/college.

W5. Other career services that would be the most helpful at De Anza (Open-ended)

1. A Face Page or a Google group. If there is anything like this already it is not well publicised.
2. A real key to success would be to create a very strong focus on internship programs. Of all services, this would be the most crucial to the grad and, if professionalized and correctly marketed, most useful and welcomed by industry.
3. Extended hours for counseling services in order to be able to get that support and make sure you are on the right track for what you objective is while attending De Anza.
4. I don t know! I believe you already have job search assistance. I am continuing my education toward an MLT certification at De Anza, and will understand the need better when I have reached that goal and attempt finding a job/volunteer position.
5. I never utilized any of the career services. And my experience with the Counseling and Advising Services advisors was less than impressive.
6. If you have Hands On training Program besides Internship that will better prepare new graduates in current job market.
7. Internships and part-time work opportunities for students while they are going to school.
8. Resume and cover letter writing based on current trends. Mock interviews.
9. There are no opportunities for new grads at this time. Hospitals all want 1 year of experience and students are having to leave the state or take other jobs not related to the field they studied for, The school should tell all new applicants this before they waste their time and money to get an RN license.
10. Younger students with limited work experience would benefit from basics on how to conduct themselves in the workplace. Appropriate/inappropriate conduct, wardrobe, etc.
11. Partnership(s) with local hospitals for post-graduate internships. Information available regarding post-graduate options specific to degree: transfer programs, CA licensure information, out of state licensure information - possibly in quarter 6 of the program having a presenter to discuss

Respondents Enrolled at a University or College

T1. Please identify the college or university you are currently attending:

| | Number | Total |
|--|---------------|--------------|
| Cal Poly San Luis Obispo | 1 | 1% |
| CSU Dominguez Hills | 1 | 1% |
| CSU East Bay | 6 | 4% |
| CSU Fresno | 1 | 1% |
| CSU Sacramento | 1 | 1% |
| CSU Stanislaus | 1 | 1% |
| San Francisco State University | 8 | 6% |
| San Jose State University | 54 | 38% |
| UC Davis | 2 | 1% |
| UC Berkeley | 4 | 3% |
| UC Los Angeles | 3 | 2% |
| UC Merced | 1 | 1% |
| UC Riverside | 2 | 1% |
| UC San Diego | 3 | 2% |
| UC Santa Cruz | 1 | 1% |
| Cogswell Polytechnical | 2 | 1% |
| East Carolina University in Greenville, North Carolina | 1 | 1% |
| Foothill/De Anza | 7 | 5% |
| Jacksonville University | 2 | 1% |
| Mills College | 1 | 1% |
| The National Hispanic University | 1 | 1% |
| Oregon State University | 2 | 1% |
| Palo Alto University | 1 | 1% |
| Paris FRANCE | 1 | 1% |
| Santa Clara University | 1 | 1% |
| Seattle University | 1 | 1% |
| Sierra Nevada College | 1 | 1% |
| University of Massachusetts | 1 | 1% |
| University of San Francisco | 1 | 1% |
| University of Southern California | 1 | 1% |
| University of Texas at Arlington | 1 | 1% |
| unitek college | 1 | 1% |
| Walden University | 1 | 1% |
| Western Governors University, Salt lake City, UT | 1 | 1% |
| Other | 27 | 19% |
| Total | 144 | 100% |

Note: Only includes respondents enrolled at a university/college (full-time or part-time).

Respondents Enrolled at a University or College, Continued

T2. Which of the following best describes your major or program of study at this college or university?

| | Number | Total |
|----------------------------------|--------|-------|
| Anthropology | 2 | 1% |
| Art/Art History | 7 | 5% |
| Animation | 4 | 3% |
| Automotive Technology | 3 | 2% |
| Biology/Microbiology | 3 | 2% |
| Business | 21 | 14% |
| Business Psychology | 1 | 1% |
| Chemistry/Biochemistry | 1 | 1% |
| Child and Adolescent Development | 2 | 1% |
| Civil Engineering | 2 | 1% |
| Cognitive Science | 1 | 1% |
| Communication Studies | 3 | 2% |
| Computer Engineering | 1 | 1% |
| Computer Science | 6 | 4% |
| Criminal Justice | 4 | 3% |
| Economics | 1 | 1% |
| English | 1 | 1% |
| Environmental Science | 6 | 4% |
| Ethnic Studies | 1 | 1% |
| Graphic Design | 3 | 2% |
| Hospitality Management | 2 | 1% |
| Humanities | 1 | 1% |
| Kinesiology | 1 | 1% |
| Legal studies | 2 | 1% |
| Liberal arts | 2 | 1% |
| Mechanical Engineering | 3 | 2% |
| Music | 1 | 1% |
| Nursing | 10 | 7% |
| Political Science | 3 | 2% |
| Psychology | 8 | 5% |
| Radio-Television-Film | 1 | 1% |
| Respiratory Therapy | 1 | 1% |
| Social Work | 1 | 1% |
| Sociology | 5 | 3% |
| Other | 40 | 25% |
| Total | 154 | 100% |

Note: Only includes respondents enrolled at a university/college (full-time or part-time).

Respondents Enrolled at a University or College, Continued

T3. Based on your experience, which (if any) of the following transfer-related services/activities were the most helpful at De Anza? (Select all that apply)

| | Number | Total |
|---|---------------|--------------|
| a. Information on transferable courses (general education courses, courses required for your intended major, electives) | 77 | 26% |
| b. Counseling services (professional assistance provided by counselors/academic advisors) | 69 | 23% |
| c. Information on Transfer Admission Agreements (TAA/TAG) | 35 | 12% |
| d. Information on programs available at four-year colleges and their specific requirements | 36 | 12% |
| e. Transfer activities such as visits from representatives from different universities at De Anza | 22 | 7% |
| f. Information provided on the Transfer Planning Web site | 35 | 12% |
| g. Other | 20 | 7% |
| Total | 294 | 100% |

Note: Only includes respondents enrolled at a university/college (full-time or part-time).

T4. Based on your experience, which (if any) of the following transfer-related services/activities were least helpful at De Anza? (Select all that apply)

| | Number | Total |
|---|---------------|--------------|
| a. Information on transferable courses (general education courses, courses required for your intended major, electives) | 8 | 6% |
| b. Counseling services (professional assistance provided by counselors/academic advisors) | 25 | 19% |
| c. Information on Transfer Admission Agreements (TAA/TAG) | 13 | 10% |
| d. Information on programs available at four-year colleges and their specific requirements | 19 | 15% |
| e. Transfer activities such as visits from representatives from different universities at De Anza | 31 | 24% |
| f. Information provided on the Transfer Planning Web site | 25 | 19% |
| g. Other | 9 | 7% |
| Total | 130 | 100% |

Note: Only includes respondents enrolled at a university/college (full-time or part-time).