

# FHDA Institutional Research & Planning

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**To:** Margaret M. Bdzil, Senior Program Coordinator  
Renee R. Augenstein, Articulation Ofr/Tran Svcs Crd

**From:** Lourdes del Rio-Parent, PhD

**Date:** 8/20/2010

**Re:** CTE Survey Results, Spring 2010

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Please find attached to this document tables with results for the *CTE Programs Graduate Survey*, which was conducted in the month of May, 2010. For this project, De Anza students who earned a degree or certificate in the 2007-08 or 2008-09 academic years<sup>1</sup> were invited through email to answer the online survey. The email included a hyperlink that linked the student ID to the student responses.<sup>2</sup> A reminder was emailed two weeks later. The survey was kept online for about a month. It was estimated that a total of 2932 students received the email; 432 answered the survey for a response rate of about 15%.<sup>3</sup>

This version of the *CTE Survey* included three main parts: 1) general questions on student educational goal, employment status, enrollment status, and overall satisfaction with his or her experience at De Anza, including student opinion on areas for improving the degree or program; 2) work related questions regarding student career goals, employment, and services that would be most helpful to De Anza students and graduates; and, 3) transfer related questions to identify the university/college the student is currently attending, major or program of study at the current institution, and student opinion on most or least helpful transfer related services at De Anza. To improve the efficiency of the survey and validity of results, all students answered the general questions; only students not enrolled full time at a university/college answered work related questions; and, only students enrolled full time at university/college or enrolled part time at a university answered transfer related questions.<sup>4</sup>

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<sup>1</sup> Includes only students with an email address in the student information system.

<sup>2</sup> To keep confidentiality of the responses, only the office of IR&P had access to personal data.

<sup>3</sup> Special thanks to Bradley Creamer, Senior College Web Coordinator at De Anza, for his invaluable assistance on this project.

<sup>4</sup> Branching across parts of the survey was based on student answers to the question ‘Are you currently enrolled at a university or college?’

Results for the survey are summarized in the following tables:

- Table S1 and Table S4 compare figures for the target population and survey respondents to assess the generalizability of the results, or the extent to which results apply to the intended population taking into account race/ethnic group, gender, degree/certificates, and college division.
- Table G1 to Table G7 summarize results in the first part of the survey, which was answered by all respondents. Figures are provided for each question.
- Table W1 to Table W6 summarize results for questions related to employment, which were answered by respondents not enrolled full time at a university or community college. Figures are provided for each question.
- Table T1 to Table TB4 summarize results questions for students who have transferred and are enrolled full time at a university or community college, or part time at a university.
- Table PE1 shows response rate by TOP code and Table PE2 shows student approval rating of the degree or program by TOP code. To protect student identify, only TOP codes with a target population count greater than four were included in Table PE2.

Please review figures and let me know of any question.

**Table S1.**

**Distribution Across Race/Ethnic Groups for Target Population and Respondents**

Ethnic Group	Target Population		Respondents	
	Count	Percentage	Count	Percentage
Asian	1176	40%	131	30%
Black or African American	108	4%	21	5%
Filipino	171	6%	16	4%
Hispanic	421	14%	57	13%
Middle Easterner	52	2%	8	2%
American Indian/Alaskan Native	15	1%	2	0%
Pacific Islander	37	1%	3	1%
White	773	26%	159	37%
Other, Non-White	32	1%	4	1%
Multiple Ethnicity	63	2%	11	3%
Decline to State or Unknown	374	13%	71	16%
<b>Total Head Count</b>	<b>2932</b>	<b>100%</b>	<b>432</b>	<b>100%</b>

**Notes:**

Figures are not mutually exclusive because some students may report more than one race/ethnic group across terms.

Percentages are based on head count.

**Table S2.**

**Distribution across gender for target population and respondents**

Gender	Target Population		Respondents	
	Count	Percentage	Count	Percentage
Female	1749	60%	290	67%
Male	1182	40%	142	33%
<b>Total Head Count</b>	<b>2932</b>	<b>100%</b>	<b>432</b>	<b>100%</b>

**Notes:**

Percentages are based on head count.

**Table S3.****Distribution Across Degrees and Certificates for Target Population and Repondents**

Degree/Award	Target Population		Respondents		Response Rate for Degree
	Count	Pct of Head Count	Count	Pct of Head Count	
Associate in Arts	1984	67%	287	66%	14%
Associate in Science	233	8%	38	9%	16%
Certificate of Achievement	614	21%	89	21%	14%
Certificate of Advanced Achievement	5	0%	0	0%	0%
Certificate of Completion	80	3%	10	2%	13%
Certificate of Proficiency	214	7%	53	12%	25%
Skills Certificate	86	3%	13	3%	15%
Total Head Count	2932	100%	432	100%	15%

**Note:**

Target population is the head count for De Anza students who obtained a degree or certificate during the 2007-08 and 2008-09 academic years, and who had an email address in the system at the time of the survey.

Figures are not mutually exclusive since students may earn more than one degree or certificate.

**Table S4.****Distribution Across Divisions for Target Population and Repondents**

Division	Target Population		Respondents		Response Rate for Division
	Count	Pct of Head Count	Count	Pct of Head Count	
Applied Technologies	219	7%	27	6%	12%
Biological, Health and Environmental Science	339	12%	62	14%	18%
Business/Computer Systems	345	12%	49	11%	14%
Creative Arts	82	3%	17	4%	21%
Intercultural/International Studies	2	0%	0	0%	0%
Language Arts	101	3%	11	3%	11%
Liberal Arts	1689	58%	230	53%	14%
Physical Education/Athletics	17	1%	4	1%	24%
Social Sciences and Humanities	296	10%	57	13%	19%
	2932	100%	432	100%	15%

**Note:**

Target population is the head count for De Anza students who obtained a degree or certificate during the 2007-08 and 2008-09 academic years, and who had an email address in the system at the time of the survey.

Figures are not mutually exclusive since students may earn more than one degree or certificate.

**Table G1.**

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

	<b>Head Count</b>	<b>Percent Total</b>
To prepare for transfer to UC, CSU, or other college/university	255	59%
To advance in my current profession	128	30%
To retrain and/or reenter the workforce	84	19%
To enter the workforce for the first time	58	13%
Total	432	100%

**Notes:**

Response counts are not mutually exclusive for they represent instances when the response was selected alone or in combination with another.

Missing response, 1.

Percentages are based on the total number of respondents, 432.

**Table G1B.****Combined responses to item G1: Purpose for obtaining a certificate/degree at De Anza**

	<b>Head Count</b>	<b>Percent Total</b>
To prepare for transfer to UC, CSU, or other college/university	186	43%
To advance in my current profession;	68	16%
To retrain and/or reenter the workforce;	55	13%
To enter the workforce for the first time;	39	9%
To advance in my current profession; To prepare for transfer to UC, CSU, or other college/university	36	8%
To enter the workforce for the first time; To prepare for transfer to UC, CSU, or other college/university	14	3%
To retrain and/or reenter the workforce; To advance in my current profession;	13	3%
To retrain and/or reenter the workforce; To prepare for transfer to UC, CSU, or other college/university	9	2%
To retrain and/or reenter the workforce; To advance in my current profession; To prepare for transfer to UC, CSU, or other college/university	6	1%
To enter the workforce for the first time; To advance in my current profession; To prepare for transfer to UC, CSU, or other college/university	3	1%
To enter the workforce for the first time; To advance in my current profession;	1	0%
To enter the workforce for the first time; To retrain and/or reenter the workforce; To advance in my current profession; To prepare for transfer to UC, CSU, or other college/university	1	0%
<b>Total</b>	<b>432</b>	<b>100%</b>

**Notes:**

Original item: What was the purpose for obtaining a certificate/degree at De Anza? (Select all that apply.)

The purpose of the table is to identify students goals as a whole, especially those with only one goal in mind.

Responses are mutually exclusive.

Missing response, 1.

Percentages are based on the total number of respondents, 432.

**Table G2.****Are you currently employed?**

	Head Count	Percent Total
Not currently employed	162	38%
Fewer than 20 hours per week	48	11%
20-39 hours per week	81	19%
Full time	140	32%
Total	432	100%

**Notes:**

Missing response, 1.

Percentages are based on the total number of respondents, 432.

**Table G3.****Are you currently a student at a university or college?**

	Head Count	Percent Total
Not currently enrolled	174	40%
Full time at a community or private college	26	6%
Full time at a four-year university	158	37%
Part time at a community or private college	49	11%
Part time at a four-year university	25	6%
Total	432	100%

**Notes:**

Percentages are based on the total number of respondents, 432.



**Table G3B****Employment status segregated by enrollment status (Items G2 and G3 combined)**

	<b>Head Count</b>	<b>Percent Total</b>
<i>Not currently employed</i>		
Not currently enrolled	47	11%
Full time at a community or private college	9	2%
Full time at a four-year university	82	19%
Part time at a community or private college	23	5%
Part time at a four-year university	1	0%
Group total	162	38%
<i>Employed, fewer than 20 hours per week</i>		
Not currently enrolled	9	2%
Full time at a community or private college	6	1%
Full time at a four-year university	27	6%
Part time at a community or private college	6	1%
Group total	48	11%
<i>Employed, 20-39 hours per week</i>		
Not currently enrolled	22	5%
Full time at a community or private college	5	1%
Full time at a four-year university	37	9%
Part time at a community or private college	7	2%
Part time at a four-year university	10	2%
Group total	81	19%
<i>Employed, full time</i>		
Not currently enrolled	96	22%
Full time at a community or private college	6	1%
Full time at a four-year university	12	3%
Part time at a community or private college	12	3%
Part time at a four-year university	14	3%
Group total	140	32%
<i>Missing data, employment status</i>		
Yes, part time at a community or private college	1	< 1%

**Table G4.**

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

	<b>Count</b>	<b>Percent</b>
Campus location (for example, easy access from work or home)	251	58%
Program has good reputation with local industry	210	49%
Program is closely aligned with industry/professional licensure or certification requirements	184	43%
Faculty are experts in the field	179	41%
Program has close connections with local industry	93	22%
Program is only offered at De Anza	46	11%
Total	432	100%

**Notes:**

Percentages are based on the total number of respondents, 432.

**Table G5.**

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

	<b>Count</b>	<b>Percent</b>
Yes	359	83%
Maybe	54	13%
No	18	4%
Total	432	100%

**Notes:**

Percentages are based on the total number of respondents, 432.

Missing response, 1.

**Table G6.**

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

	<b>Count</b>	<b>Percent</b>
Peer mentors and tutors	212	49%
Access to resource centers and skill-building labs	205	47%
Assistance finding internships and other work-based learning opportunities	151	35%
Professional experts in labs	155	36%
Referrals to other Student Services programs: OTI, CalWORKs, EOPS, Disability Support Services, Financial Aid, and Educational Diagnostic Center	130	30%
Total	432	100%

**Notes:**

Responses are based on the total number of respondents, 432.

Missing responses, 35.

'Peer mentors and tutors' was selected alone by 56 or 13% of the respondents.

**Table G7.**

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

<i>General construct/classification</i>	<b>Count</b>	<b>Percent</b>
Improve program curriculum	30	20%
Improve quality of the degree/program	24	16%
Provide work based experiences within or outside the classroom, such as internships	22	15%
Offer courses more often, with varied choices for times/days	21	14%
Better training for counselors/Improve quality of advising	12	8%
Improve orientation services and/or communication of key information on programs, degrees, transfer	12	8%
Improve quality of Instructors/Instruction	11	7%
Improve textbooks or class materials and/or evaluate their use in class	6	4%
Program Requirements are not clear or may unfairly impact some students (e.g., language requirements)	4	3%
Provide assistance with job placement	4	3%
Better alignment of courses with UC/CSU requirements	2	1%
More tutoring/teaching assistants	2	1%
Provide follow-up services after graduation	2	1%
More knowledgeable administrators (e.g., department head)	1	1%
Improve facilities/equipment	1	1%
Better services for international students	1	1%
Provide more program/degree options	1	1%
Nothing needs improvement	1	1%
<b>Total</b>	<b>151</b>	<b>100%</b>

**Notes:**

Percentages are based on the number of students who answered the open-ended item, To identify general constructs addressed by respondents, responses were first summarized and then classified within main categories. Then a second review was made of the responses within each proposed classification/category, and re-assigned as necessary. Counts are not mutually exclusive for respondents may have addressed more than one construct in their item response.

**Table W1.**

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

	<b>Count</b>	<b>Percent</b>
Prepare me for industry/state/national licensure	110	44%
Improve my job performance	78	31%
Obtain my current job	56	23%
Receive a raise and/or promotion	31	13%
Did not help me achieve my career goals	58	23%
Total	248	100%

**Notes:**

Only includes respondents not enrolled full-time at a university/college, 248.

**Table W1A.**

**Employment Status for Student who Answered "De Anza did not help me achieve my career goals"**

	<b>Count</b>	<b>Percent</b>
No, not currently employed	25	43%
Yes, full time	23	40%
Yes, 20-39 hours per week	7	12%
Yes, fewer than 20 hours per week	2	3%
No response	1	2%
Group total	58	100%

**Table W2.**

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

	<b>Count</b>	<b>Percent</b>
Currently employed	169	68%
Not employed, actively seeking employment	47	19%
Not employed, not actively seeking employment	22	9%
Not employed, waiting for certification or licensure	6	2%
Total	248	100%

**Notes:**

Only includes respondents not enrolled full-time at a university/college, 248.

Missing responses, 4.

**Table W3.****Number of Currently Employed Graduates Working in a Field Related to Their Studies at De Anza**

	Count	Percent
Yes	111	65.68%
No	58	34.32%
Group total	169	100.00%

**Note:**

Only includes respondents not enrolled full-time at a university/college, and who are currently employed, 169.

**Table W4.****What is your approximate salary?**

	Count	Percent
0-30000	54	32%
30001-50000	48	28%
50001-70000	38	22%
70001-90000	12	7%
90001+	12	7%
	169	100%

**Note:**

Only includes respondents not enrolled full-time at a university/college, and who are currently employed, 169.

Missing responses or Not applicable, 5.

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

	Count	Percent
Job search assistance	153	62%
Professional development or continuing education workshops	134	54%
On-campus interviews with employers	125	50%
Networking opportunities for current students with alumni	125	50%
Career fairs	112	45%
	248	100%

**Notes:**

Only includes respondents not enrolled full-time at a university/college, 248.

**Table W6.**

<b>Other career aervices that would be the most helpful at De Anza (Open ended response)</b>		
<i>General Construct</i>	<b>Head Count</b>	<b>Percent</b>
Job Placement/Assistance	5	33%
Work Based Experience/Internships	4	27%
Continuing Education/Preprofessional Development	1	7%
Career Fairs with Local Industries	1	7%
Provide Actual Data/information on Programs	1	7%
Research Opportunities	1	7%
Better Counseling Resources	1	7%
Group total	15	100%

**Notes:**

Only includes respondents not enrolled full-time at a university/college, 248.

To identify general constructs addressed by respondents, responses were first summarized and then classified within main categories. Then a second review was made of the responses within each proposed classification/category, and re-assigned as necessary. Counts are not mutually exclusive for respondents may have addressed more than one construct in their item response.

**Table T1.**

Please identify the college or university you are currently attending.

College/University	Count	Percent
San Jose State University	82	39%
San Francisco State University	14	7%
CSU East Bay	11	5%
UC San Diego	8	4%
UC Berkeley	7	3%
Santa Clara University	6	3%
UC Los Angeles	6	3%
CSU Sacramento	4	2%
Cal Poly San Luis Obispo	3	1%
CSU Long Beach	3	1%
UC Santa Cruz	3	1%
CSU Chico	2	1%
UC Riverside	2	1%
UC Santa Barbara	2	1%
University of San Francisco	2	1%
CSU Fresno	1	0%
CSU San Marcos	1	0%
Humboldt State University	1	0%
San Diego State University	1	0%
Sonoma State University	1	0%
UC Davis	1	0%
UC Irvine	1	0%
University of Phoenix	1	0%
University of Southern California	1	0%
Other	45	22%
Total	209	100%

**Notes:**

Only includes students enrolled at a four year college (full time or part time) or full time at a community college, 209.



**Table T1B.****Other College or University Currently Attending**

<b>College/University</b>	<b>Count</b>	<b>Percent</b>
De Anza College	7	3%
Foothill College	2	1%
National University	2	1%
Notre Dame de Namur University	2	1%
Palo Alto University	2	1%
Ashford University	1	0%
Babson College	1	0%
Brigham Young University	1	0%
City College of San Francisco	1	0%
Downey Adult school	1	0%
Law School	1	0%
Long Island University	1	0%
Loyola Law School	1	0%
Malmo Hogskola, Sweden	1	0%
Menlo College	1	0%
New York University College of Nursing	1	0%
Northern Arizona University	1	0%
Ohlone College, RN program	1	0%
Pratt Institute	1	0%
Silicon Valley University	1	0%
Simon Fraser University	1	0%
The Art Institute of California- Sunnyvale	1	0%
The College of William & Mary	1	0%
The Ohio State University	1	0%
UC Merced	1	0%
University of British Columbia	1	0%
University of Hawaii	1	0%
Total	209	100%

**Notes:**

Only includes students enrolled at a four year college (full time or part time) or full time at a community college, 209.

Original item: "If you selected 'Other,' please enter the name of the college/university:"

**Table T2.**

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

<b>Major or Program</b>	<b>Count</b>	<b>Percent</b>
Business	44	21%
Nursing	12	6%
Art/Art History	11	5%
Political Science	10	5%
Psychology	10	5%
Child and Adolescent Development	9	4%
Sociology	8	4%
Communication Studies	6	3%
Economics	6	3%
Teacher Preparation	6	3%
English	5	2%
Social Work	5	2%
Biology/Microbiology	4	2%
Computer Science	4	2%
Chemistry/Biochemistry	3	1%
History	3	1%
Information Systems	3	1%
Computer Engineering	2	1%
Criminal Justice	2	1%
Philosophy	2	1%
Civil Engineering	1	< 1%
Electrical Engineering	1	< 1%
Geography	1	< 1%
Journalism	1	< 1%
Radio-Television-Film	1	< 1%
Other	44	21%
<b>Total</b>	<b>209</b>	<b>100%</b>

**Notes:**

Only includes students enrolled at a four year college (full time or part time) or full time at a community college, 209.

**Table T2B.**

<b>Other Major or Program of Study at Current College/University</b>		
<b>Major or Program</b>	<b>Count</b>	<b>Percent</b>
Environmental Sciences/Studies	5	2%
Health Sciences	3	1%
Hospitality Food Service and Hotel Management	3	1%
Legal Studies (pre-law)	3	1%
Law	2	1%
Nutritional Sciences	2	1%
Apparel Design	1	< 1%
Behavioral Science	1	< 1%
Business Economics	1	< 1%
Child and Adolescent Development	1	< 1%
Classical Studies	1	< 1%
Computer Science with Engineering Option	1	< 1%
Dance	1	< 1%
Mathematics and Statistics	1	< 1%
Womens Studies and Political Science	1	< 1%
Ethnic Studies and Sociology	1	< 1%
Human Development	1	< 1%
Human Resources Management	1	< 1%
Marketing and History	1	< 1%
Interior Design	1	< 1%
International Business and Spanish	1	< 1%
International Relations	1	< 1%
Public health	1	< 1%
Paralegal	1	< 1%
Physical Therapy	1	< 1%
Public Administration	1	< 1%
Public Relations	1	< 1%
Respiratory Therapy/Healthcare	1	< 1%
Social and Community Services	1	< 1%
Sport Management	1	< 1%
Theatre Arts	1	< 1%
Urban Planning	1	< 1%
Work Science and Diversity	1	< 1%
<b>Total</b>	<b>209</b>	<b>100%</b>

**Notes:**

Only includes students enrolled at a four year college (full time or part time) or full time at a community college, 209.

Original item: "If you selected 'Other,' please enter the name of the major:"

**Table T3.**

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

Service/Activity	Count	Percent
Information on transferable courses (general education courses, courses required for your intended major, electives)	142	68%
Counseling services (professional assistance provided by counselors/academic advisors)	134	64%
Information on programs available at four-year colleges and their specific requirements	83	40%
Information on Transfer Admission Agreements (TAA/TAG)	74	35%
Information provided on the Transfer Planning Web site	61	29%
Transfer activities such as visits from representatives from different universities at De Anza	45	22%
Other	16	8%
Total	209	100%

**Notes:**

Only includes students enrolled at a four year college (full time or part time) or full time at a community college, 209.

**Table T3B.**

**Other Most Helpful Transfer Related Services/Activities at De Anza College**

<b>Service/Activity</b>	<b>Head Count</b>	<b>Percent</b>
Counselors	2	12%
Instructors	5	29%
EOPS	1	6%
assist.org	2	12%
IGETC	2	12%
No Help Provided	5	29%
No Needed	1	6%
Group total	17	100%

**Notes:**

Only includes students enrolled at a four year college (full time or part time) or full time at a community college, and who answered this item, 17.

Original item: "If you selected 'Other,' please explain briefly:"

**Table T4.**

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

<b>Service/Activity</b>	<b>Head Count</b>	<b>Percent</b>
Transfer activities such as visits from representatives from different universities at De Anza	47	22%
Counseling services (professional assistance provided by counselors/academic advisors)	34	16%
Information provided on the Transfer Planning Web site	33	16%
Information on Transfer Admission Agreements (TAA/TAG)	27	13%
Information on programs available at four-year colleges and their specific requirements	25	12%
Information on transferable courses (general education courses, courses required for your intended major, electives)	16	8%
Total	209	100%

**Notes:**

Only includes students enrolled at a four year college (full time or part time) or full time at a community college, and who answered this item, 8.

**Table T4B.**

**Other Least Helpful Transfer Related Services/Activities at De Anza College**

<b>Service/Activity</b>	<b>Head Count</b>	<b>Percent</b>
Counselor	4	50%
Not Having TAG	1	13%
Transfer Center	1	13%
Lack of Information	2	25%
Group total	8	100%

**Notes:**

Only includes students enrolled at a four year college (full time or part time) or full time at a community college, and who answered this item, 8.

Original item: "If you selected 'Other,' please explain briefly:"

To identify general constructs addressed by respondents, responses were first summarized and then classified within main categories. Then a second review was made of the responses within each proposed classification/category, and re-assigned as necessary. Counts are not mutually exclusive for respondents may have addressed more than one construct in their item response.

**Table PE1****Response Rate by Top Code**

<b>Top Code</b>	<b>Top Code Description</b>	<b>Target Population</b>	<b>Response Count</b>	<b>Response Rate</b>
059900	Other Business and Management	514	66	13%
220100	Social Sciences, General	436	77	18%
490200	Biological and Physical Sciences (& Mathematics0	321	40	12%
490310	Humanities and Fine Arts	240	35	15%
490110	Transfer Studies	179	18	10%
123010	Registered Nursing	146	31	21%
130500	Child Development/Early Care and Educati	141	16	11%
095630	Machining and Machine Tools	136	16	12%
140200	Paralegal	134	39	29%
050200	Accounting	119	16	13%
120810	Clinical Medical Assisting	92	18	20%
050500	Business Administration	84	15	18%
150600	Speech Communication	76	8	11%
094800	Automotive Technology	74	11	15%
040100	Biology, General	46	5	11%
095300	Drafting Technology	34	5	15%
070810	Computer Networking	28	6	21%
120820	Administrative Medical Assisting	27	9	33%
060700	Technical Communication	22	5	23%
120800	Medical Assisting	22	9	41%
051400	Office Technology/Office Computer Applic	21	4	19%
050210	Tax Studies	20	4	20%
061220	Film Production	20	3	15%
103000	Graphic Art and Design	20	8	40%
051100	Real Estate	16	4	25%
070710	Computer Programming	15	7	47%
050900	Marketing and Distribution	14	2	14%
126200	Massage Therapy	14	5	36%
210500	Administration of Justice	14	2	14%
100400	Music	11	2	18%
060420	Television (including combined TV/film/v	9	2	22%
011500	Natural Resources	8	3	38%
030100	Environmental Science	8	1	13%
094610	Energy Systems Technology	8	1	13%
490100	Liberal Arts and Sciences, General	8	1	13%
050600	Business Management	7	2	29%
101200	Applied Photography	7	4	57%
070210	Software Applications	6	2	33%
095340	Mechanical Drafting	6	1	17%
130520	Children with Special Needs	6	4	67%
030300	Environmental Technology	5	2	40%
061440	Animation	5	3	60%



**Table PE1****Response Rate by Top Code**

095600	Manufacturing and Industrial Technology	5	2	40%
100210	Painting and Drawing	4	1	25%
060200	Journalism	3	1	33%
083510	Physical Fitness and Body Movement	3	1	33%
100100	Fine Arts, General	3	2	67%
100230	Ceramics	3	1	33%
101100	Photography	3	2	67%
070820	Computer Support	2	1	50%
030200	Environmental Studies	1	1	100%
100220	Sculpture	1	1	100%
120500	Medical Laboratory Technology	1	1	100%
160100	Library Science, General	1	1	100%
210510	Corrections	1	1	100%
210530	Industrial and Transportation Security	1	1	100%
220300	Ethnic Studies	1	1	100%
221000	International Studies	1	1	100%
All top codes		2932	432	15%

**Notes:**

Only includes top codes with a target population (certificate/degree recipient in 2008, 2009) greater than 4.

Target population is the head count of De Anza student who obtained a degree or certificate during the 2007-08 and 2008-09 academic years, and who had an email address in the system at the time of the survey.

Response count is the head count for those students who answered the survey.

Figures are not mutually exclusive for students may have earned more than one degree, certificate across top codes.

**Table PE2**

**Approval Rate by Top Code**

Top Code	Top Code Description	Target Population	Response Count	Response Rate	Approv Count	Approval Rate
059900	Other Business and Management	514	66	13%	51	77%
220100	Social Sciences, General	436	77	18%	67	87%
490200	Biological and Physical Sciences (& Mathe	321	40	12%	33	83%
490310	Humanities and Fine Arts	240	35	15%	29	83%
490110	Transfer Studies	179	18	10%	11	61%
123010	Registered Nursing	146	31	21%	17	55%
130500	Child Development/Early Care and Educa	141	16	11%	15	94%
095630	Machining and Machine Tools	136	16	12%	15	94%
140200	Paralegal	134	39	29%	36	92%
050200	Accounting	119	16	13%	14	88%
120810	Clinical Medical Assisting	92	18	20%	13	72%
050500	Business Administration	84	15	18%	13	87%
150600	Speech Communication	76	8	11%	6	75%
094800	Automotive Technology	74	11	15%	10	91%
040100	Biology, General	46	5	11%	4	80%
095300	Drafting Technology	34	5	15%	3	60%
070810	Computer Networking	28	6	21%	2	33%
120820	Administrative Medical Assisting	27	9	33%	6	67%
120800	Medical Assisting	22	9	41%	6	67%
060700	Technical Communication	22	5	23%	4	80%
051400	Office Technology/Office Computer Appl	21	4	19%	2	50%
103000	Graphic Art and Design	20	8	40%	4	50%
061220	Film Production	20	3	15%	2	67%
050210	Tax Studies	20	4	20%	3	75%
051100	Real Estate	16	4	25%	3	75%
070710	Computer Programming	15	7	47%	4	57%
210500	Administration of Justice	14	2	14%	1	50%
126200	Massage Therapy	14	5	36%	3	60%
050900	Marketing and Distribution	14	2	14%	1	50%
100400	Music	11	2	18%	1	50%
060420	Television (including combined TV/film/v	9	2	22%	1	50%
490100	Liberal Arts and Sciences, General	8	1	13%	0	0%
094610	Energy Systems Technology	8	1	13%	0	0%
030100	Environmental Science	8	1	13%	0	0%
011500	Natural Resources	8	3	38%	1	33%
101200	Applied Photography	7	4	57%	3	75%
050600	Business Management	7	2	29%	1	50%
130520	Children with Special Needs	6	4	67%	2	50%
095340	Mechanical Drafting	6	1	17%	0	0%
070210	Software Applications	6	2	33%	0	0%
095600	Manufacturing and Industrial Technology	5	2	40%	1	50%
061440	Animation	5	3	60%	2	67%

**Table PE2**

**Approval Rate by Top Code**

030300	Environmental Technology	5	2	40%	1	50%
All top codes		2932	432	15%	359	83%

**Notes:**

Only includes top codes with a target population (certificate/degree recipient in 2008, 2009) greater than 4.

Target population is the head count of De Anza student who obtained a degree or certificate during the 2007-08 and 2008-09 academic years, and who had an email address in the system at the time of the survey.

Response count is the head count for those students who answered the survey.

Approval count is the number of respondents who answered 'Yes' to the item G5: 'Based on your overall experience, would you recommend obtaining this degree/certificate at De Anza to others?' Possible answers, 'Yes,' 'No,' and 'Maybe.'

Approval rate is a function of approval head count divided by respondent head count.

Approval rate at the college level, 83%.

Figures are not mutually exclusive for students may have earned more than one degree, certificate across top codes.