De Anza College: Academic Program Awards and Related Student Headcount, 2013-14 to 2015-16

Introduction

The following document summarizes data in the 2015-16 MIS SP report[1] for De Anza College, which was submitted to the California Community College Chancellor's Office (CCCCO) on September of 2016. The MIS SP report allows analysts to identify students who were awarded any degree or certificate at a community college during a specific academic year, the area of studies for the award, and the title for the award (only those approved by CCCCO). This document also includes related statistics for the two prior academic years to help readers construct a frame of reference to help identify (1) data issues in the report; (2) trends for the last three academic years regarding significant increases or declines in the number of awards and student headcounts for degrees, certificates, or specific programs at the College; and (3) preliminary figures to help validate data for related reports (e.g., IPEDS[2], Gainful Employment[3]).

Procedures

For degrees, award and student headcount figures were calculated at three levels: degree type (i.e., associate in arts, associate in arts for transfer, associate in science, and associate in science for transfer), program area (as identified by the first four characters od TOP[4] code for the program), and program title as stated in the CCCCO curriculum inventory. For certificates not approved (not available in the

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[1] For more information, visit:
http://extranet.cccco.edu/Divisions/TechResearchInfoSys/MIS/DED/StudentProgramAward.aspx

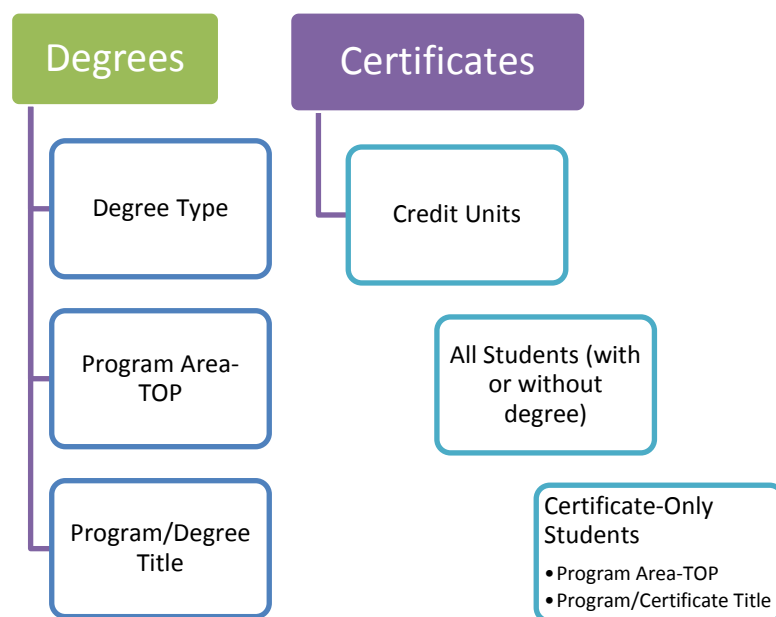[2] Information about IPEDS can be found at: http://nces.ed.gov/ipeds/.

[3] Information about Gainful Employment can be found at:
https://ifap.ed.gov/GainfulEmploymentInfo/indexV2.html.

[4] TOP (Taxonomy of Program) code allows analysts to identify the discipline or area of studies (major) for the program (certificate or award). More information available at:
http://extranet.cccco.edu/Portals/1/AA/Credit/2013Files/TOPmanual6_2009_09corrected_12.5.13.pdf.

inventory), the title provided by in the information system (i.e., Banner, SMRPRLE screen) was used instead.

Specific to certificates, figures are provided by certificate type, based on the number of units, for two groups: (1) all students who were awarded a certificate, independently of being also awarded a degree during the same year, and (2) for certificate-only students, which excludes students who earned a degree during the same year at the college. For the certificate-only students (i.e., applicable for Gainful Employment reports), data is also provided at the program area and certificate title levels. See Figure 1 for an illustration of how the data was segregated for the analyses.

Figure 1. Data Segregation for Calculating Awards and Student Headcount Statistics for Degree and Certificates

Findings

- Data on Table D1 shows a 15% increase (1,314 to 1,507) in the number of students who were awarded a degree at De Anza College in the academic year of 2015-16, compared to the number for 2013-14. Headcount increases were reported for the associate degrees for transfer: associate in arts-transfer, 193% (43 to 126) and associate in science-transfer, 208% (92 to

283). However, associate degrees in arts accounted for about 70% of all degrees awarded in 2015-16.

- There is no evidence that the significant increase in student headcount shown in Table D1 is mainly due to the processing of a backlog of degree applications. Data in Table D2 show that in 2015-16 there were only ten more students (174 to 184) who did not attend the College during the academic year for which the degree was awarded (i.e., last term attended was for a prior academic year), when compared to the number for 2013-14.

- Data in Table D3 show student headcount by academic year and area of studies, as indicated by the first four digits of the degree or program TOP code. The data in this table, which is sorted in descending order of total headcount, shows that *Social Sciences* is the area of studies with the most degrees reported. This area showed only a slight increase in student headcount in the last three years (1%, 335 to 340). After taking into account total headcount and percent change, the programs areas that showed a significant increase in the number of students who earned a degree at De Anza College between 2013-14 and 2015-16 include: *Business Administration* (127%, 114 to 259), *Biological and Physical Sciences and Mathematics* (20%, 207 to 248), and *Speech Communication* (56%, 32 to 50). By contrast, a significant decline in student headcount for degrees during the last three academic years was reported for the areas of *Humanities* (-18%, 134 to 110) and *Paralegal* (-27%, 50 to 40).

- Data in Table D4 identifies the areas in which some students were awarded more than one degree within the same program area during the last three academic years. At De Anza College, the top three areas with students awarded more than one degree include: *Automotive Technology* (53), *Business Administration (24), and Speech Communication* (13). Data in Table D5 suggest that for certain areas, such as *Business Administration*, the coursework for some students might have been applicable to different type of degrees offered within the same area (e.g., the associate degree and the degree for transfer).

- In Table D5, student headcounts are provided by program title, as shown in the CCCCO curriculum inventory.[5] Because the data refers to specific programs or degrees, including the degree type, these figures provide a more nuance picture of the programs, including how degrees within the same area, or similar areas, may be competing with each other or coalescing. Based on total student headcount for the last three academic years, data in Table D5 shows that the liberal arts degrees are the top degree programs at De Anza, which include: *Social & Behavioral Sciences* (1,020), *Business & Computer Information Systems* (783), and *Science, Math & Engineering* (730). On the other hand, degree programs with the largest growth or percentage change during the last three years were the associate degrees for transfer, which include: *Business Administration* (172%, 83 to 226) and *Communication Studies* (88%, 45 from 24). The most significant declines in student headcount were for the degrees in *Paralegal Studies* (-27%, 55 to 40) and *Liberal Arts: Arts and Letters* (-18%, 134 to 110).

- Figures for non-degree programs or certificates are provided in Table C1 and C2. Table C1 shows data for all students, independently of whether they also earned a degree during the same academic year. Table C2 only includes data for certificate-only students (i.e., students who received a degree were excluded from this group). Certificate-only students are the ones selected for the *Gainful Employment* reports for only these are representative of the student population that for some reason (e.g., financial or career interest) chose a non-degree program as their education goal.

- Data in Table C1 shows a decline of 3% (450 to 435) for the number of students who were awarded at least one certificate in 2015-16, when compared to the number for 2013-14. For certificate-only students, headcount figures in Table C2 showed an increase of 8% (303 to 327).

- Data in Table C3 show headcount figures for certificate-only students by program area (i.e., first four digits of TOP code). In this table, the data show that the top areas for certificates at De Anza College during the last three academic years based on total headcount are: *Automotive Technology* (127),

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[5] Titles in the CCCCO Curriculum Inventory were used to encourage users to become familiar with on this system. More information available at: http://curriculum.cccco.edu/. Also, using formal titles avoids creating duplicated records for what is essentially the same program.

Medical Laboratory Technology (106), *Child Development/Early Care and Education* (100), and *Medical Assisting* (98). In Table C4, headcounts are disaggregated by certificate title in the CCC Curriculum Inventory, or the local name if not approved. Data in Table C4 shows that for certificate–only students, the top certificates based on total headcount are: *Medical Assisting: Phlebotomy Technician I* (100), *Accounting* (54), *CNC Machinist* (49), *Paralegal Studies* (49), and *Child Development* (49).

- Data in Table C4 show that only 11 of the 92 certificates had a student headcount at least 10 in 2015-16. Related to Gainful Employment disclosures, these certificates are they only ones with a sample size large enough for computing statistics for on-time completion rate and debt.

Table D1. De Anza College: Award Count and Headcount by Degree Type and Academic Year, 2013-14 to 2015-16

| Degree Type | Academic Period | | | | | | Three-Year Statistics | | | |
| | 2013-14 | | 2014-15 | | 2015-16 | | Count Change | | Percent Change | |
	Awards	Students	Awards	Students	Awards	Students	Awards	Students	Awards	Students
Associate in Arts	1,238	1,136	1,352	1,225	1,249	1,130	11	-6	1%	-1%
Associate in Arts-Transfer	43	43	70	70	127	126	84	83	195%	193%
Associate in Science	165	134	149	126	150	127	-15	-7	-9%	-5%
Associate in Science-Transfer	92	92	186	186	284	283	192	191	209%	208%
Total	1,538	1,314	1,757	1,448	1,810	1,507	272	193	18%	15%

Notes
Three-Year Statistics: *Count Change* and *Percent Change relate to* figures for 2013-14 and 2015-16.

 The data showed an increase of 15% for the number of students who earned a degree in 2015-16 at De Anza College, compared to the number for 2013-14. Although increases were shown in the associate degrees for transfer only, the regular associate degree in arts accounted for 70% of all degrees awarded in 2015-16.

Table D2. De Anza College: Headcount for Students who earned at least one Degree by Academic Year and Last Year of Attendance at the College

| Last Year for College Attendance | Academic Year for Degree | | | | | | Three-Year Statistics | |
| | 2013-14 | | 2014-15 | | 2015-16 | | | |
	Count	Percent	Count	Percent	Count	Percent	Count Change	Percent Change
Prior Academic Year	174	13%	200	14%	184	12%	10	6%
Current Academic Year	1,140	87%	1,248	86%	1,323	88%	183	16%
Total	1,314	100%	1,448	100%	1,507	100%	193	15%

Notes

Prior Academic Year: Students who were awarded at least one degree during the academic year, but the last term they attended the college was during a prior academic year.

Current Academic Year: Students who attended the college during the academic year they were awarded the degree. They may have continued attending the college after the degree was awarded.

Three-Year Statistics: *Count Change* and *Percent Change relate to* figures for 2013-14 and 2015-16.

Table D3. De Anza College: Headcount by Degree Program Area and Academic Year, 2013-14 to 2015-16

TOP Code-Program	Academic Year			Three-Year Statistics		
	2013-14	2014-15	2015-16	Total Headcount	Change	Percent Change
2201-Social Sciences	335	345	340	1,020	5	1%
0599-Other Business and Management	238	288	257	783	19	8%
4902-Biological and Physical Sciences (and Mathematics)	207	275	248	730	41	20%
0505-Business Administration	114	181	259	549	145	127%
4903-Humanities	134	127	110	371	-24	-18%
1402-Paralegal	55	57	40	152	-15	-27%
1230-Nursing	49	54	48	151	-1	-2%
1506-Speech Communication	32	27	50	108	18	56%
0502-Accounting	36	30	37	101	1	3%
0948-Automotive Technology	39	39	37	92	-2	-5%
0401-Biology	31	24	31	86	0	0%
2105-Administration of Justice	15	32	36	83	21	140%
1501-English	24	21	30	75	6	25%
0612-Film Studies	23	21	28	70	5	22%
1270-Kinesiology	11	23	31	65	20	182%
1305-Child Development/Early Care and Education	12	23	27	60	15	125%
1701-Mathematics	4	17	17	38	13	325%
2208-Sociology	3	11	21	35	18	600%
1030-Graphic Art and Design	13	9	9	30	-4	-31%
0956-Manufacturing and Industrial Technology	10	9	11	29	1	10%
0506-Business Management	10	7	11	28	1	10%

TOP Code-Program	Academic Year			Three-Year Statistics		
	2013-14	2014-15	2015-16	Total Headcount	Change	Percent Change
0708-Computer Infrastructure and Support	8	10	9	26	1	13%
2207-Political Science	4	9	12	25	8	200%
0602-Journalism	12	5	5	22	-7	-58%
1208-Medical Assisting	3	11	8	22	5	167%
0707-Computer Software Development	5	4	11	20	6	120%
0509-Marketing and Distribution	6	6	6	18	0	0%
2205-History	1	4	11	16	10	1000%
1004-Music	5	7	2	14	-3	-60%
0604-Radio and Television	5	4	3	12	-2	-40%
0946-Environmental Control Technology	6	4	1	11	-5	-83%
0303-Environmental Technology	6	2	2	10	-4	-67%
0115-Natural Resources	6	2	0	8	-6	-100%
0953-Drafting Technology	6	2	0	8	-6	-100%
1262-Massage Therapy	2	4	2	8	0	0%
2210-International Studies	3	2	3	8	0	0%
0301-Environmental Science	2	3	2	7	0	0%
0614-Digital Media	1	3	3	7	2	200%
0706-Computer Science (Transfer)	0	0	7	7	7	-
1011-Photography	1	5	0	6	-1	-100%
1002-Art	3	1	1	5	-2	-67%
1205-Medical Laboratory Technology	3	1	1	5	-2	-67%
1012-Applied Photography	1	3	0	4	-1	-100%
0511-Real Estate	2	0	0	2	-2	-100%

	Academic Year			Three-Year Statistics		
TOP Code-Program	**2013-14**	**2014-15**	**2015-16**	**Total Headcount**	**Change**	**Percent Change**
0514-Office Technology/Office Computer Applications	1	0	0	1	-1	-100%
0702-Computer Information Systems	1	0	0	1	-1	-100%
1001-Fine Arts	0	0	1	1	1	-
2203-Ethnic Studies	0	0	1	1	1	-
4901-Liberal Arts and Sciences, General	1	0	0	1	-1	-100%

Notes

Three-Year Statistics: *Count Change* and *Percent Change relate to* figures for 2013-14 and 2015-16.

TOP: Taxonomy of Programs where programs are classified by discipline (first two digits) and area (first four digits).

Table D4. De Anza: Headcount for Program Areas with Students Awarded More than One Degree between 2013-14 to 2015-16

TOP Code-Program	Multiple Degree Student Headcount
0948-Automotive Technology	53
0505-Business Administration	24
1506-Speech Communication	13
0502-Accounting	10
0956-Manufacturing and Industrial Technology	9
2105-Administration of Justice	7
1030-Graphic Art and Design	6
0612-Film Studies	5
1305-Child Development/Early Care and Education	2
1501-English	2
0708-Computer Infrastructure and Support	1

Table D4 identifies the program areas with students who were awarded more than one degree (different degrees, same program area) at the College during the last three academic years.

Table D5. De Anza College: Headcount by Program Title, Degree Type, and Academic Year, 2013-14 to 2015-16

Program Title	Degree Type	Academic Year			Three-Year Statistics		
		2013-14	2014-15	2015-16	Total Headcount	Change	Percent Change
Liberal Arts: Social & Behavioral Sciences	AA	335	345	340	1,020	5	1%
Liberal Arts: Business & Computer Inform Systems	AA	238	288	257	783	19	8%
Liberal Arts: Science, Math and Engineering	AA	207	275	248	730	41	20%
Business Administration	AS-T	83	151	226	460	143	172%
Liberal Arts: Arts and Letters	AA	134	127	110	371	-24	-18%
Paralegal Studies	AA	55	57	40	152	-15	-27%
Registered Nurse	AS	45	50	48	143	3	7%
Business Administration	AA	37	33	43	113	6	16%
Communication Studies	AA-T	24	23	45	92	21	88%
Accounting: Practice	AA	28	26	33	87	5	18%
Biological Sciences	AS	31	24	31	86	0	0%
English	AA	24	21	26	71	2	8%
Kinesiology	AA-T	11	23	31	65	20	182%
Film Production	AA	19	19	21	59	2	11%
Automotive Technology: Chassis & Powertrain	AS	21	17	16	54	-5	-24%
Child Development	AA	12	20	18	50	6	50%

Program Title	Degree Type	Academic Year			Three-Year Statistics		
		2013-14	2014-15	2015-16	Total Headcount	Change	Percent Change
Automotive Engine Performance Technology	AS	17	14	17	48	0	0%
Automotive Technology: Machining & Engine Repair	AS	20	14	14	47	-6	-30%
Administration of Justice	AS-T	5	15	25	45	20	400%
Mathematics	AS-T	4	17	17	38	13	325%
Law Enforcement	AA	11	16	11	38	0	0%
Sociology	AA-T	3	11	21	35	18	600%
Speech Communication	AA	13	9	7	29	-6	-46%
Management	AA	10	7	11	28	1	10%
Graphic Design	AA	12	7	9	28	-3	-25%
Political Science	AA-T	4	9	12	25	8	200%
Accounting: Taxation	AA	10	8	6	24	-4	-40%
Medical Assisting	AA	3	11	8	22	5	167%
Journalism	AA	12	5	4	21	-8	-67%
Marketing Management	AA	6	6	6	18	0	0%
CNC Machinist	AS	8	5	5	18	-3	-38%
History	AA-T	1	4	11	16	10	1000%
CNC Research and Development Machinist	AS	4	6	6	16	2	50%
Screenwriting	AA	5	3	8	16	3	60%

Program Title	Degree Type	Academic Year			Three-Year Statistics		
		2013-14	2014-15	2015-16	Total Headcount	Change	Percent Change
Automotive Technician: Advanced Engine Performance Tech.	AS	3	6	6	15	3	100%
Computer Info Systems: Systems Programming	AA	5	4	6	15	1	20%
Music	AA	5	7	2	14	-3	-60%
Early Childhood Education	AS-T	0	3	9	12	9	-
Network Administration	AA	4	4	4	12	0	0%
Film/Television Production: TV	AA	5	4	3	12	-2	-40%
Energy Management and Climate Policy	AA	6	4	1	11	-5	-83%
Environmental Compliance and Pollution Prevention	AA	6	2	2	10	-4	-67%
Enterprise Security Professional	AA	0	4	4	8	4	-
Interactive Design	AA	1	7	0	8	-1	-100%
Automotive Technician: Powertrain Technology	AS	2	3	3	8	1	50%
Massage Therapy	AA	2	4	2	8	0	0%
Global Studies	AA	3	2	3	8	0	0%
LVN Transition to RN	AS	4	4	0	8	-4	-100%
Environmental Stewardship	AA	6	2	0	8	-6	-100%

Program Title	Degree Type	Academic Year			Three-Year Statistics		
		2013-14	2014-15	2015-16	Total Headcount	Change	Percent Change
Computer Aided Design: Mechanical	AS	6	2	0	8	-6	-100%
Computer Science	AS-T	0	0	7	7	7	-
Film/Television Production: Animation	AA	1	3	3	7	2	200%
Biodiversity Specialist	AA	2	3	2	7	0	0%
English	AA-T	0	0	6	6	6	-
Product Model Making	AS	1	2	3	6	2	200%
Photographic Arts	AA	1	5	0	6	-1	-100%
Automotive Machining and Engine Repair Technology	AS	3	2	1	6	-2	-67%
CIS: Business Programming	AA	0	0	5	5	5	-
Corrections/Probation	AA	2	2	1	5	-1	-50%
Medical Laboratory Technology	AA	3	1	1	5	-2	-67%
Computer Info Systems: Network Programming	AA	1	2	1	4	0	0%
Professional Photography	AA	1	3	0	4	-1	-100%
Private Security	AA	1	2	0	3	-1	-100%
CIS: System Support Services	AA	3	0	0	3	-3	-100%
Automotive Technology: Engine Performance	AA	0	2	0	2	0	-

Program Title	Degree Type	Academic Year			Three-Year Statistics		
		2013-14	2014-15	2015-16	Total Headcount	Change	Percent Change
Art: Sculpture	AA	1	0	1	2	0	0%
Real Estate	AA	2	0	0	2	-2	-100%
Art: Painting	AA	2	0	0	2	-2	-100%
Journalism	AA-T	0	0	1	1	1	-
Automotive Technology: Chassis & Powertrain	AA	0	1	0	1	0	-
Art: Art History	AA	0	0	1	1	1	-
Art: Ceramics	AA	0	1	0	1	0	-
Intercultural Studies	AA	0	0	1	1	1	-
Administrative Assistant/Office Technology	AA	1	0	0	1	-1	-100%
Business Software Applications	AA	1	0	0	1	-1	-100%
Automotive Technician: Powertrain Technology	AA	1	0	0	1	-1	-100%
Liberal Arts	AA	1	0	0	1	-1	-100%

Notes

Three-Year Statistics: *Count Change* and *Percent Change relate to* figures for 2013-14 and 2015-16.

AA: Associate in Arts Degree

AS-T: Associate in Arts Degree for Transfer

AS: Associate in Science

AS-T: Associate in Science for Transfer

Table C1. De Anza College, All Students: Award and Student Count for Non-Degree Programs or Certificates, 2013-14 to 2015-16

| Certificate Units | Academic Period | | | | | | Three-Year Statistics | | | |
| | 2013-14 | | 2014-15 | | 2015-16 | | Count Change | | Percent Change | |
	Awards	Students	Awards	Students	Awards	Students	Awards	Students	Awards	Students
9-23	12	8	10	7	1	1	-11	-7	-92%	-88%
18-23	283	253	332	277	242	217	-41	-36	-14%	-14%
24-26	88	86	103	100	121	118	33	32	38%	37%
27-44	72	60	80	76	62	55	-10	-5	-14%	-8%
45-89	102	96	106	103	92	88	-10	-8	-10%	-8%
Proficiency	-	-	2	1	-	-	0	0	-	-
Total	557	450	633	487	518	435	-39	-15	-7%	-3%

Notes
All Students: Refers to students who during the academic year were awarded at least one certificate at the college, independently of whether they were also awarded a degree on the same academic year.
Three-Year Statistics: *Count Change* and *Percent Change relate to* figures for 2013-14 and 2015-16.

Table C2. De Anza College, Certificate-Only Students: Award Count and Headcount for Non-Degree Programs or Certificates, 2013-14 to 2015-16

| Certificate Units | Academic Period | | | | | | Three-Year Statistics | | | |
| | 2013-14 | | 2014-15 | | 2015-16 | | Count Change | | Percent Change | |
	Awards	Students	Awards	Students	Awards	Students	Awards	Students	Awards	Students
9-23	12	8	8	5	0	0	-12	-8	-100%	-100%
18-23	212	188	247	200	199	177	-13	-11	-6%	-6%
24-26	72	70	79	77	106	103	34	33	47%	47%
27-44	32	27	45	44	34	31	2	4	6%	15%
45-89	42	39	36	35	41	38	-1	-1	-2%	-3%
Proficiency	-	-	-	-	-	-	-	-	-	-
Total	370	303	415	319	380	327	10	24	3%	8%

Notes
Certificate-Only Students: Refers to students who during the academic year were awarded at least one certificate, but not a degree on the same academic year.
Three-Year Statistics: *Count Change* and *Percent Change relate to* figures for 2013-14 and 2015-16.

Table C3. De Anza College, Certificate-Only Students: Headcount for Certificates by Program Area and Academic Year, 2013-14 to 2015-16

TOP Code-Program	Academic Year			Three-Year Statistics		
	2013-14	2014-15	2015-16	Total Headcount	Change	Percent Change
0948-Automotive Technology	45	63	50	127	5	11%
1205-Medical Laboratory Technology	38	43	25	106	-13	-34%
1305-Child Development/Early Care and Education	39	28	34	100	-5	-13%
1208-Medical Assisting	36	30	33	98	-3	-8%
0502-Accounting	22	27	30	77	8	36%
0506-Business Management	20	15	24	59	4	20%
0956-Manufacturing and Industrial Technology	1	25	31	54	30	3000%
1402-Paralegal	18	17	14	49	-4	-22%
0505-Business Administration	16	16	16	48	0	0%
0707-Computer Software Development	14	16	13	42	-1	-7%
1030-Graphic Art and Design	8	11	5	24	-3	-38%
1506-Speech Communication	8	10	5	23	-3	-38%
0953-Drafting Technology	6	7	6	19	0	0%
0708-Computer Infrastructure and Support	2	4	9	15	7	350%
0604-Radio and Television	5	3	6	14	1	20%
1262-Massage Therapy	6	5	3	14	-3	-50%
1012-Applied Photography	4	4	5	13	1	25%
0509-Marketing and Distribution	5	2	3	10	-2	-40%
2199-Other Public and Protective Services	0	2	8	10	8	-
0115-Natural Resources	3	2	4	9	1	33%

TOP Code-Program	Academic Year			Three-Year Statistics		
	2013-14	2014-15	2015-16	Total Headcount	Change	Percent Change
0303-Environmental Technology	2	4	3	9	1	50%
0607-Technical Communication	7	2	0	9	-7	-100%
0946-Environmental Control Technology	2	0	7	9	5	250%
0614-Digital Media	4	0	0	4	-4	-100%
0301-Environmental Science	3	0	0	3	-3	-100%
1002-Art	3	0	0	3	-3	-100%
0511-Real Estate	0	1	1	2	1	-
1107-Chinese	0	0	2	2	2	-

Notes

Three-Year Statistics: *Count Change* and *Percent Change relate to* figures for 2013-14 and 2015-16.

TOP: Taxonomy of Programs where programs are classified by discipline (first two digits) and area (first four digits).

Table C4. De Anza College, Certificate-Only Students: Headcount by Certificate Title and Academic Year, 2013-14 to 2015-16

Certificate Title	Units	Academic Year			Three-Year Statistics		
		2013-14	2014-15	2015-16	Total Headcount	Change	Percent Change
Medical Assisting: Phlebotomy Technician I	18-23	38	41	21	100	-17	-45%
Accounting	24-26	14	19	21	54	7	50%
CNC Machinist	18-23	0	24	25	49	25	-
Paralegal Studies	45-89	18	17	14	49	-4	-22%
Child Development	18-23	33	8	8	49	-25	-76%
Child Development	24-26	6	16	23	45	17	283%
Project Management Practitioner	18-23	17	10	18	45	1	6%
Business Administration	18-23	15	11	14	40	-1	-7%
Advanced Engine Performance Technology	18-23	12	18	9	38	-3	-25%
Intermediate Engine Performance Technology	18-23	12	16	8	36	-4	-33%
Lab Assisting	24-26	11	11	12	34	1	9%
Basic Engine Performance Technology	18-23	12	12	10	34	-2	-17%
Automotive Technology: Machining & Engine Repair	27-44	11	11	11	33	0	0%
Automotive Technology: Chassis & Powertrain	27-44	8	11	10	29	2	25%
Insurance and Coding	24-26	11	10	8	29	-3	-27%

Certificate Title	Units	Academic Year			Three-Year Statistics		
		2013-14	2014-15	2015-16	Total Headcount	Change	Percent Change
Graphic Design	18-23	8	10	5	23	-3	-38%
Speech Communication	18-23	8	10	5	23	-3	-38%
Automotive Technology: Engine Performance	27-44	5	10	6	21	1	20%
Programming in C/C++	18-23	6	9	5	20	-1	-17%
Medical Assisting	45-89	5	7	6	18	1	20%
Medical Reception	18-23	5	5	7	17	2	40%
Computer Aided Design: Mechanical	18-23	3	7	6	16	3	100%
Accounting: Practice	45-89	4	5	6	15	2	50%
UNIX/LINUX Operating System	18-23	3	7	3	13	0	0%
Professional Photography	18-23	4	4	5	13	1	25%
Massage Therapy	24-26	5	5	3	13	-2	-40%
CNC Programming - CAD/CAM	18-23	0	4	8	12	8	-
Enterprise Security Professional	24-26	0	4	7	11	7	-
Medical Records Clerk	18-23	4	5	2	11	-2	-50%
Business Office Clerk	9-23	7	4	0	11	-7	-100%
Leadership and Social Change	18-23	0	2	8	10	8	-
Automotive Chassis Technology	18-23	3	6	1	10	-2	-67%
Film/Television Production: TV Emphasis	18-23	5	3	2	10	-3	-60%
Smog Technician	18-23	0	4	5	9	5	-
Energy Management and Climate Policy	24-26	2	0	7	9	5	250%

Certificate Title	Units	Academic Year			Three-Year Statistics		
		2013-14	2014-15	2015-16	Total Headcount	Change	Percent Change
Automotive Powertrain Technology	18-23	5	2	2	9	-3	-60%
Bookkeeping	24-26	6	3	0	9	-6	-100%
Technical Writing	18-23	7	2	0	9	-7	-100%
Business Administration	27-44	1	5	2	8	1	1
Entrepreneurship	24-26	1	3	4	8	3	3
Wildlife Corridor Technician	24-26	2	2	4	8	2	100%
Programming in JAVA	18-23	4	3	1	8	-3	-75%
Medical File Clerk	9-23	4	4	0	8	-4	-100%
Environmental Compliance and Pollution Prevention	18-23	0	4	3	7	3	-
Automotive Technician: Advanced Engine Performance Tech.	27-44	1	5	1	7	0	0
Early Childhood Mental Health	18-23	1	4	2	7	1	100%
Management	24-26	2	2	3	7	1	50%
Marketing Management	24-26	3	2	2	7	-1	-33%
Film/Television Production: TV Emphasis	24-26	0	1	5	6	5	-
Business Office Clerk	18-23	0	3	3	6	3	-
Accounting: Taxation	45-89	3	0	3	6	0	0%
Child Development	45-89	3	0	3	6	0	0%
Bookkeeping	18-23	0	3	2	5	2	-
Web Development	18-23	0	3	2	5	2	-
Programming in PERL	18-23	1	3	1	5	0	0

Certificate Title	Units	Academic Year			Three-Year Statistics		
		2013-14	2014-15	2015-16	Total Headcount	Change	Percent Change
Medical File Clerk	18-23	0	1	3	4	3	-
Tax Practitioner	45-89	0	1	2	3	2	-
Network Administration	18-23	0	2	1	3	1	-
Enterprise Security Professional	45-89	0	1	2	3	2	-
Clinical Laboratory Assistant	24-26	0	0	3	3	3	-
Medical Laboratory Technology	45-89	0	2	1	3	1	-
Medical Transcription	24-26	0	1	2	3	2	-
Automotive Technician: Powertrain Technology	27-44	1	1	1	3	0	0
Manufacturing Systems Technician	18-23	1	1	1	3	0	0
Automotive Machining and Engine Repair Technology	18-23	2	0	1	3	-1	-50%
Massage Therapy Advanced	27-44	2	1	0	3	-2	-100%
Biodiversity Specialist	24-26	3	0	0	3	-3	-100%
Film/Television Production: Animation	45-89	3	0	0	3	-3	-100%
Computer Aided Design: Mechanical	27-44	3	0	0	3	-3	-100%
Real Estate	45-89	0	1	1	2	1	-
Database Design for Developers	24-26	0	0	2	2	2	-
Mandarin	18-23	0	0	2	2	2	-
Film/Television Production: TV	45-89	1	0	1	2	0	0
Graphic Design	45-89	1	1	0	2	-1	-100%

Certificate Title	Units	Academic Year			Three-Year Statistics		
		2013-14	2014-15	2015-16	Total Headcount	Change	Percent Change
Environmental Compliance and Pollution Prevention	24-26	2	0	0	2	-2	-100%
Marketing Management	18-23	2	0	0	2	-2	-100%
Art: Painting Option	24-26	2	0	0	2	-2	-100%
Environmental Compliance and Pollution Prevention	27-44	0	0	1	1	1	-
Marketing Management	27-44	0	0	1	1	1	-
Film/Television Production: TV Emphasis	27-44	0	0	1	1	1	-
Computer Info Systems: Systems Programming	45-89	0	0	1	1	1	-
Automotive Chassis Technology	45-89	0	1	0	1	0	-
CNC Machinist	27-44	0	1	0	1	0	-
CNC Research and Development Machinist	45-89	0	0	1	1	1	-
Environmental Stewardship (Advanced)	45-89	1	0	0	1	-1	-1
Animation	24-26	1	0	0	1	-1	-1
Animation History&Criticism	24-26	1	0	0	1	-1	-1
Network Basics	9-23	1	0	0	1	-1	-1
Computer Info Systems: Network Programming	45-89	1	0	0	1	-1	-1
Network Administration	45-89	1	0	0	1	-1	-1

		Academic Year			Three-Year Statistics		
Certificate Title	Units	2013-14	2014-15	2015-16	Total Headcount	Change	Percent Change
Automotive Technology: Machining & Engine Repair	45-89	1	0	0	1	-1	-1
Art: Sculpture	18-23	1	0	0	1	-1	-100%

Notes
Three-Year Statistics: *Count Change* and *Percent Change relate to* figures for 2013-14 and 2015-16.