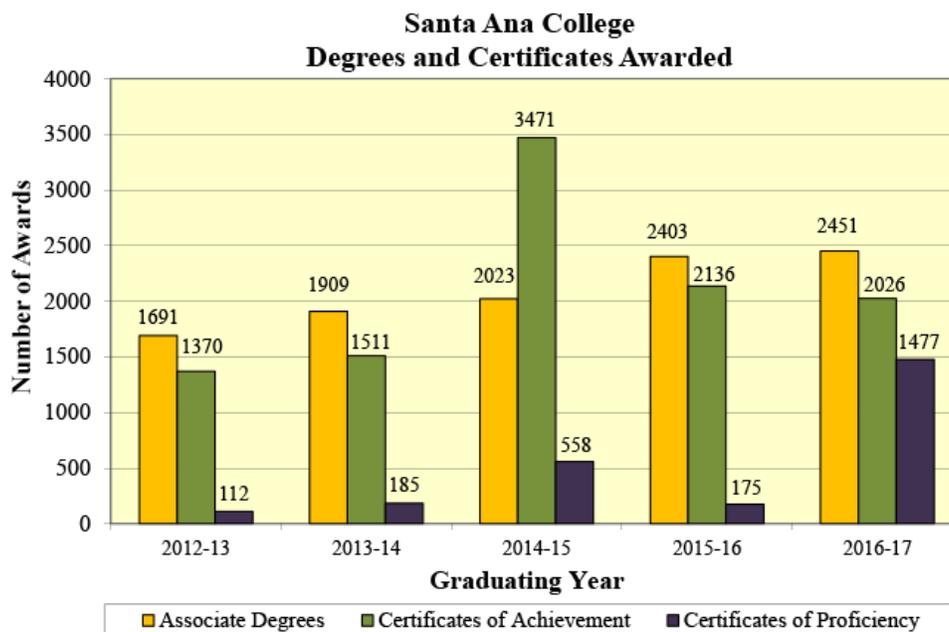**Research Department**

REPORT

Santa Ana College
Summary of Degrees and Certificates Awarded

January 2018

One important metric of institutional effectiveness is the number of degrees and certificates that an institution awards. Therefore, it is important to regularly assess and monitor this data to ensure the appropriate programs and services are provided to all students who attend Santa Ana College. This report examines trends in the number of associate degrees, certificates of achievement and certificates of proficiency awarded, types of awards by major, and who earned the awards over a five-year timeline from 2012-13 through 2016-17.

Santa Ana College
Degrees and Certificates Awarded

- ➤ Santa Ana College experienced an uptrend in the number of associate degrees awarded (including associate degrees for transfer) over the five years observed, increasing from 1691 in 2012-13 to 2451 in 2016-17.

- ➤ There was a surge in the number of awarded certificates of achievement from 2013-14 to 2014-15 (1511 to 3471, respectively), followed by a significant decrease the following year (2136), and a further decline in 2016-17 (2026). Changes were due to the implementation of the degree audit system.

- ➤ The notable increases in the number of awarded certificates of proficiency from 2013-14 to 2014-15 (185 to 558, respectively) and 2015-16 to 2016-17 (175 to 1477, respectively) were also due to the implementation of the degree audit system, which captured many individuals who qualified for their certificate of proficiency.

Santa Ana College
Degrees and Certificates Awarded, 2012-13 through 2016-17

Year Awarded	Awards	Ethnic Distribution					
		African American	Asian	White	Latino	Other	Decline to State
2016-17	Associate Degrees	2%	15%	11%	65%	7%	0%
	Certificates of Achievement	1%	14%	11%	67%	7%	0%
	Certificates of Proficiency	2%	27%	11%	54%	6%	0%
2015-16	Associate Degrees	2%	14%	14%	62%	3%	6%
	Certificates of Achievement	1%	16%	11%	64%	2%	6%
	Certificates of Proficiency	1%	15%	9%	68%	3%	4%
2014-15	Associate Degrees	1%	12%	15%	63%	3%	5%
	Certificates of Achievement	1%	19%	22%	51%	2%	4%
	Certificates of Proficiency	2%	19%	21%	52%	3%	3%
2013-14	Associate Degrees	1%	14%	15%	58%	4%	8%
	Certificates of Achievement	1%	14%	14%	60%	2%	9%
	Certificates of Proficiency	2%	12%	17%	60%	2%	7%
2012-13	Associate Degrees	1%	14%	16%	56%	4%	10%
	Certificates of Achievement	1%	15%	18%	54%	2%	10%
	Certificates of Proficiency	1%	15%	15%	58%	6%	6%

Source: RSCCD Research Data Warehouse

➢ Latino students received the most proportion of associate degrees (65%), certificates of achievement (67%), and certificates of proficiency (54%), followed by Asian students (15%, 14%, and 27%, respectively).

➢ There was a slight increase (12 percentage points) among Asians and a similar decrease (14 percentage points) among Latinos receiving certificates of proficiency compared to the prior year.

Santa Ana College
Top Awarded Majors, 2016-17

Associate Degrees n=2451	Certificates of Achievement n=2026	Certificates of Proficiency n=1477
Liberal Arts (1129)	CSU General Education (826)	Auto CAD 2D Basics (660)
Business Administration (211)	IGETC General Education (319)	Survey of Intl. Business (192)
Psychology (107)	Med. Asst. - Admin./Clinical (117)	Comp. Fund. for Business (146)
Nursing - RN (99)	Public Fire Service (80)	Global Trade Skills (123)
Criminal Justice (75)	Diesel - Mid-Range Engine (69)	Corrections Officer (44)

➢ The highest number of awarded associate degrees were in Liberal Arts (46%), followed by Business Administration (9%), Psychology, Nursing - Registered Nursing (4% each), and Criminal Justice (3%).

➢ The majority of awarded certificates of achievement were in the areas of CSU and IGETC General Education Breadth (41% and 16%, respectively). The next areas with the most awards included Medical Assistant-Administrative/Clinical (6%), Public Fire Service (4%), and Diesel - Mid-Range Engine (3%).

➢ Most certificates of proficiency were awarded in Auto CAD 2D Basics (45%), followed by Survey of International Business (13%), Computer Fundamentals for Business (10%), Global Trade Skills (8%), and Corrections Officer (3%).

Santa Ana College
Associate Degree Awarded, 2012-2017

Associate Degree by Major	2012-13	2013-14	2014-15	2015-16	2016-17
Accounting	13	15	21	16	24
Anthropology	1	0	2	1	1
Anthropology for Transfer	0	0	0	4	1
Art	5	6	1	1	2
Digital Media Arts	3	2	3	8	4
Graphic Design	0	0	2	1	1
Studio Arts for Transfer	0	0	12	13	13
Art History for Transfer	0	0	1	2	2
Automotive Technology	4	6	8	8	6
Biological Science	23	15	12	10	14
Biotechnology	0	0	0	0	1
Business Administration	108	69	32	26	31
Business Administration for Transfer	0	64	133	203	180
Business Applications -					
Applications & Technology	4	5	1	4	2
Digital Publishing	1	0	0	1	1
Microsoft Office Professional	1	0	0	0	0
Office Management	1	1	2	1	0
Business Management	10	12	6	5	2
Entrepreneurship & Innovation	3	1	0	0	0
Global Entrepreneurship	1	3	0	0	0
Chemistry	28	23	16	22	19
Chemistry for Transfer	0	0	0	0	6
Chicano Studies	0	0	1	0	1
Child Development					
Early Childhood Education for Transfer	0	0	1	10	14
Infant/Toddler	5	0	2	1	11
Preschool Child	20	20	13	23	26
School Age	0	0	3	2	2
Communications Studies	2	0	1	4	3
Studies for Transfer	12	13	23	33	32
Communications & Media Studies					
Media Studies	1	0	0	0	0
Media Studies for Transfer	0	0	2	7	7
Community Social Services	23	35	40	37	52
Computer Information Systems	8	9	10	5	3
Computer Science	1	3	6	11	4
Computer Science for Transfer	0	0	0	2	2
Criminal Justice	32	30	26	12	16
Administration of Justice for Transfer	0	7	46	92	59
Dance	2	2	2	0	4
Diesel					
Diesel & Heavy Equipment Technology	0	1	1	2	1
Mid-Range Engine Service	0	1	1	2	0
Earth Science	0	0	1	0	0
Economics	5	6	7	8	9
English	1	3	1	0	1
English for Transfer	0	0	6	8	15
Education					
Elementary Education	12	18	11	24	22
Elementary Teacher for Transfer	0	0	0	0	2

Associate Degree by Major	2012-13	2013-14	2014-15	2015-16	2016-17
Engineering	2	3	7	6	10
Opt.I - Drafting & Design	0	2	1	2	2
Opt.II- Architectural/Civil Engr/Const.	1	0	0	0	1
Civil Technology	1	2	1	2	2
Computer Aided Drafting and Design	2	5	1	1	3
Industrial Technology	1	1	2	2	1
Mechanical 3D Solid Modeling CAD	1	0	1	1	0
Entrepreneurship -					
Entrepreneurship & Innovation	0	0	2	1	0
Global Entrepreneurship	0	0	0	0	1
Family & Consumer Studies	0	0	2	0	0
Fashion Design					
Apparel Product Development & Technical	0	0	2	0	1
Custom Clothing	0	2	0	1	0
Fashion Design	0	2	2	0	2
Fashion Merchandising	2	2	4	4	3
Fire Technology -					
Administration, Legal Emphasis	0	0	0	0	1
Fire Administration	5	4	5	0	1
Chief Officer	2	2	2	0	0
Hazardous Materials	1	0	0	0	0
Medical Services Officer	2	2	0	0	0
Prevention Officer	5	7	3	2	8
Public Fire Service	106	74	70	59	61
Public Fire Safety Education Officer	1	0	0	2	0
Geography	2	3	1	1	1
Geography for Transfer	0	0	1	1	0
Geology	2	1	0	0	0
History	7	9	6	1	16
History for Transfer	0	0	10	20	0
International Business	10	15	10	13	9
Kinesiology					
Exercise Science (Kinesiology 2013-14)	0	1	1	2	1
Kinesiology for Transfer	0	0	6	14	10
Liberal Arts	235	25	12	7	1
American Studies	27	30	22	12	18
Arts, Humanities & Communications	355	518	574	657	702
Business & Technology	2	16	17	28	30
Kinesiology & Wellness	1	2	16	9	5
Mathematics & Science	81	156	131	176	166
Social & Behavioral Sciences	97	142	150	160	207
University Transfer Studies	2	0	0	0	0
Library Technology	5	3	6	4	7
Management -					
General	14	5	7	14	10
Retail Management	0	0	4	1	0
Manufacturing Technology -					
CAD/CAM	0	1	0	0	0
CNC Lathe Set Up & Opt	0	2	1	2	1
CNC Machine Set Up	0	2	2	1	0
CNC Milling Set Up & Opt	0	3	2	1	0
CNC Programmer A-Mastercam	0	4	4	5	5
Conventional Machining	0	0	0	0	1

Associate Degree by Major	2012-13	2013-14	2014-15	2015-16	2016-17
Marketing -					
General	3	4	3	1	1
Mathematics	15	15	8	9	11
Mathematics for Transfer	0	5	19	21	23
Medical Assistant - Administrative/Clinical	29	29	37	48	37
Modern Languages	2	0	1	0	4
Spanish for Transfer	0	0	5	5	8
Music	5	2	4	4	3
Music for Transfer	0	0	3	5	5
Nursing -					
Pre-Nursing for B.A. Degree	1	4	4	14	10
Registered Nursing	98	103	89	91	99
Nutrition & Dietetics	2	2	2	3	0
Occupational Therapy Assistant	41	64	50	53	53
Paralegal	30	30	23	25	23
Pharmacy Technology	14	15	4	20	13
Philosophy	0	5	2	1	1
Philosophy for Transfer	0	0	0	5	3
Photography	0	0	2	1	0
Physics	14	16	15	9	14
Physics for Transfer	0	0	0	12	12
Political Science	8	3	1	3	6
Political Science for Transfer	0	5	11	7	14
Psychology	10	7	8	9	11
Psychology for Transfer	42	67	84	108	96
Science	28	38	26	37	31
Social Science	0	0	0	2	0
Sociology	8	13	8	8	4
Sociology for Transfer	7	29	33	35	52
Speech Communication	2	0	0	0	0
Speech Language Pathology Assistant	18	24	24	28	22
Television - Video Communications	6	6	7	4	2
Theatre Arts					
Technical Theatre	1	0	0	1	1
Performance Emphasis	0	4	2	1	4
Performance Emp for Transfer	0	3	0	1	1
Welding Technology	3	0	4	11	4
Womens Studies	2	0	0	0	0
TOTAL	**1691**	**1909**	**2023**	**2403**	**2451**

Santa Ana College
Certificate of Achievement and Certificate of Proficiency Awarded, 2012-2017

Certificate of Achievement/*Certificate of Proficiency***	2012-13	2013-14	2014-15	2015-16	2016-17
Accounting -					
*Accounting & Financial Planning***	2	0	14	3	1
Computerized Bookkeeping MAS 90	1	2	5	0	0
Computerized Accounting MAS 90	1	2	40	0	0
*Computerized Quickbooks ***	1	0	0	0	0
Computerized Accounting Quickbooks	4	7	37	24	7
Computerized Bookkeeping Quickbooks	3	5	22	11	8
*Enrolled Agent***	3	7	3	2	1
General Accounting	18	18	445	114	56
*General Bookkeeping***	0	0	0	0	16
*Microsoft Dyn. for Fin. Accounting***	0	1	3	1	0
American Sign Language	3	5	4	10	8
Art -					
3D Animation A - Art Emphasis	9	5	3	2	5
3D Animation C - Video Game & Inter. Media	1	2	3	2	2
3D Animation D - Previsualization	8	23	1	3	1
Craft - Ceramic Emphasis**	0	1	3	2	1
Craft/Jewelry	0	1	2	1	0
*Craft C-Glass ***	1	0	0	0	0
Digital Media Arts/Graphic Design	4	16	3	9	3
Digital Media Arts/Web Design	1	11	0	0	1
*Digital Media Arts/Post Production ***	0	0	1	0	0
Automotive Technology -					
Advanced Engine Performance	5	2	2	20	6
*Automotive Air Conditioning Service ***	0	0	0	0	2
Automotive Business Technology	0	0	1	9	3
Chassis Service	7	27	155	42	22
Drive Train Service	2	9	10	12	9
Engine and Electrical Performance	5	10	80	28	22
Engine Service	8	4	8	88	10
Biotechnology					
Biomanufacturing Technician	0	0	0	2	6
Biotechnology Laboratory Technician	0	0	0	0	3
*Lab Assistant***	0	0	3	14	16
Lab Technician QC Microbiology	0	0	0	1	3
Business Applications -					
*Adobe Applications for Business***	0	0	0	24	10
*Adobe Web Projects for Business***	0	0	0	19	9
*Computer Fundamentals for Business ***	0	0	0	0	146
*Digital Graphic Design ***	0	0	0	0	1
Digital Publishing	0	1	1	5	3
General	2	1	19	10	1
MS Office Professional	0	0	1	3	0
Office Management	3	2	82	65	47
*Spanish/English Interptn & Translation ***	6	15	19	13	13
Business Management -					
Entrepreneurship	2	0	0	0	0
Global Entrepreneurship	3	3	8	0	3

Certificate of Achievement/*Certificate of Proficiency***	2012-13	2013-14	2014-15	2015-16	2016-17
Child Development -					
Bilingual Preschool Associate Teacher	0	0	28	13	18
Infant/Toddler	6	2	7	1	7
Infant/Toddler Teacher	0	0	0	0	1
Preschool Child	28	22	14	27	26
School Age	1	1	3	2	1
CIS					
Database **	4	5	9	1	4
Helpdesk **	1	7	9	1	6
Networking **	7	9	11	2	9
PC Maintenance/Troubleshooting **	5	5	7	1	2
Programming **	0	0	7	0	0
Web Programming **	1	0	4	0	0
Computer Information Systems	3	7	25	0	16
Computer Programming **	0	1	0	3	14
Computer Science	1	1	4	1	4
Criminal Justice					
Corrections Officer **	17	33	134	11	44
Law Enforcement	0	0	16	0	1
CSU General Education	660	744	757	857	826
Dance	2	3	1	0	2
Diesel					
Diesel & Heavy Equipment Technology	4	7	36	3	41
Heavy Duty Chassis Service**	0	0	0	0	7
Heavy Duty Diesel Engine Service **	0	0	0	0	4
Transport Refrigeration **	2	5	62	2	6
Truck Air Conditioning Service**	0	0	0	0	2
Mid-Range Engine	1	3	33	7	69
Education					
After School Program Assistant **	4	1	1	0	4
After School Program Assoc. Teacher **	15	4	4	1	0
Engineering -					
3D CAD Skill Builder **	0	0	0	0	30
Auto CAD 2D Basics **	0	0	0	0	660
Opt #1 - Engr. Draft & Design	1	2	3	3	3
Opt # 2 - Architectural/Civil Engr/Construction	2	2	14	1	2
Civil Technology	1	2	1	0	3
Computer Aided Drafting and Design	4	4	25	2	12
Energy Analysis **	1	0	0	0	0
Industrial Technology	0	0	1	0	0
Mechanical 3D Solid Modeling **	2	5	7	6	5
Surveying Skill Builder**	0	0	0	0	6
Entrepreneurship					
Entrepreneurship & Innovation	0	0	3	0	0
Freelancer **	0	0	15	7	13
Fashion Design					
Apparel Product Dev. & Tech. Design	0	0	1	0	4
Custom Clothing	0	3	2	0	0
Dressmaking and Alterations	0	0	4	0	0
Fashion Design	0	0	3	0	6
Fashion Merchandising	1	2	12	4	7

Certificate of Achievement/*Certificate of Proficiency***	2012-13	2013-14	2014-15	2015-16	2016-17
Fire Technology					
Administration	3	3	2	0	0
Chief Officer	1	0	2	0	0
Fire Safety Education Officer	0	0	0	2	0
*Medical Services Officer ***	0	2	0	0	0
Public Fire Service	149	76	103	78	80
Prevention Officer	12	10	499	5	28
International Business	13	19	50	8	32
*Global Trade Skills ***	0	0	7	3	123
*Survey of International Business***	0	0	0	15	192
IGETC General Education	189	223	247	284	319
Kinesiology/Exercise Science					
*Coaching ***	1	0	0	1	0
*Fitness ***	1	1	1	0	0
Fitness Specialist	0	0	2	2	4
*Sports Medicine ***	3	5	20	4	2
Law					
*Lawschool Pathway ***	0	0	0	0	1
Library Technology	6	4	20	10	9
Management -					
*General Management ***	2	9	0	0	1
*Human Resources ***	7	21	54	11	33
Management	2	4	106	6	26
Retail Management	0	0	4	2	2
*Small Business ***	4	3	14	3	6
*Supervision ***	3	12	68	9	31
Manufacturing Technology					
CAD/CAM	0	1	3	2	0
CNC Lathe Set Up	8	9	25	16	12
CNC Machine Set Up	8	9	26	4	10
CNC Milling Set Up	10	13	28	3	12
Conventional Machining	2	0	3	0	3
CNC Programmer Mastercam	11	13	47	19	21
*Solidworks 3D Modeling***	8	11	58	6	30
Marketing -					
*Advertising ***	2	0	6	0	0
*Contemporary Marketing ***	1	0	0	0	0
*General ***	3	4	2	2	6
Professional Selling	3	0	17	0	0
*Web Marketing ***	1	0	0	0	0
Medical Assistant - Administrative/Clinical	66	85	195	215	117
Music					
Digital Music Production	4	2	11	4	2
Paralegal	18	21	21	21	26
Pharmacy Technology					
Advanced	15	20	9	21	10
Basic	30	26	105	21	15
Photography	1	3	0	5	4
Television/Video -					
A - TV Production	4	5	9	1	3
B - Broadcast Journalism	0	3	4	1	1
C - Scriptwriter	3	0	1	2	0
*Media Studies ***	4	18	12	7	9

Certificate of Achievement/*Certificate of Proficiency***	2012-13	2013-14	2014-15	2015-16	2016-17
Theatre Arts - Entertainment Lighting	3	0	0	0	0
*Performance Emphasis***	0	0	0	1	10
*Screen Performance ***	0	0	0	0	1
Welding Technology	4	1	7	22	11
Advanced Arc-Semi-Automatic Welding	0	0	0	0	1
TOTAL	**1482**	**1696**	**4029**	**2311**	**3503**

Source: Santa Ana College | Graduation Office