

DOCUMENT RESUME

ED 413 016

JC 970 572

AUTHOR Attinasi, Louis C., Jr.; Reece, Dee A.
TITLE Graduates Summary, 1995-96.
INSTITUTION Pima Community Coll., Tucson, AZ. Office of Institutional Research.
PUB DATE 1996-07-00
NOTE 76p.; For the 1994-95 report, see ED 386 260.
PUB TYPE Numerical/Quantitative Data (110) -- Reports - Research (143)
EDRS PRICE MF01/PC04 Plus Postage.
DESCRIPTORS *Associate Degrees; *College Graduates; Community Colleges; *Educational Certificates; General Education; Legal Education (Professions); Longitudinal Studies; Minority Groups; Nursing Education; Sex Differences; Statistical Distributions; Student Characteristics; Tables (Data); *Technical Education; *Two Year College Students; Two Year Colleges
IDENTIFIERS Pima Community College AZ

ABSTRACT

Providing data on 1995-96 graduates and program completers from Pima Community College (PCC) in Arizona, this report presents tables showing the number and percentage of associate degrees, technical and advanced certificates, and basic certificates by type; by instructional program; by ethnicity; and by gender. Seven- and 10-year comparative data are also included. Highlighted findings include the following: (1) graduates and program completers earned 1,674 awards in 1995-96, with associate degrees constituting 59% of these awards, technical and advanced certificates, 14% and basic certificates, 27%; (2) minority students represented 31% of the total graduates, while women comprised 58%; (3) 21% of the graduates were Hispanic, 4% African-American, 4% Asian-American, and 2% Native American; (4) consistent annual declines in the total number of awards since 1991-92 resulted in the awarding of 14% fewer awards in 1995-96 than in 1991-92; (5) in 1995-96, the largest percentages of total degrees were awarded in general studies (36%), nursing (13%), and business administration (5%); (6) the largest percentages of advanced and technical certificates were awarded in practical nursing-articulating, practical nursing-non-articulating, and water technology (10% each); and (7) the most frequently awarded basic certificates were emergency medical technology (44%), nursing assistant (13%), and business administration (12%). Appendixes provide tables showing number and percent of degrees and certificates awarded by program, ethnicity, and gender. (ECF)

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Pima Community College

1995-96 Graduates Summary

Louis C. Attinasi, Jr.
Dee A. Reece

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Pima Community College 1995-96 Graduates Summary

Executive Summary

In 1995-96 1,476 graduates earned 1,674 awards. Fifty-eight percent of the graduates were female and 31% minority. More specifically, 21% were Hispanic, 4% African-American, 4% Asian-American, and 2% Native American.

Minority students earned 32% of all awards granted in 1995-96, 30% of degrees, 27% of technical and advanced certificates, and 37% of basic certificates. Women earned 56% of all awards, 63% of degrees, 53% of technical and advanced certificates, and 45% of basic certificates. Within each degree type except the Associate of Science (AS), women earned a greater percentage of the degrees than did men.

Degrees constituted the majority (59%) of the awards given in 1995-96. Technical and advanced certificates accounted for 14% and basic certificates 27%. The Associate of Applied Science (AAS) was the most frequently awarded degree, with AAS degrees representing more than half of all degrees granted. More than a third of the degrees were Associate of General Studies (AGS) degrees.

Minority graduates were somewhat less likely than graduates in the Anglo/Other category to have earned a degree (56% vs. 60% of all awards earned) or an advanced or technical certificate (12% vs. 15%) but more likely to have earned a basic certificate (32% vs. 25%). Women were considerably more likely than men to have earned a degree (66% vs. 51%) and considerably less likely to have earned a basic certificate (21% vs. 34%). Only one percent (8) of the awards earned by women and two percent (9) by minority graduates were technical certificates.

A ten-year comparison of awards indicates changes in the numbers and relative distribution of the three award types. Between 1986-87 and 1991-92 the number of degrees awarded annually increased, thereafter it decreased. Similarly, consistent annual increases in the number of basic certificates awarded between 1989-90 and 1992-93 were followed by consistent annual decreases through 1995-96. While degrees represented a smaller proportion of awards during the second half of the decade than the first, the opposite is true

for technical and advanced certificates.

Since 1992-93 the numbers and proportions of degrees, basic certificates, and total awards earned by minority graduates have increased annually. (The one exception: a slight decrease [-10] in the number of total awards earned in 1995-96 as compared to 1994-95.) Since 1993-94 there have been annual increases in the proportion of degrees earned by women but annual decreases in the numbers of their degrees, basic certificates, and total awards. There have been decreases in the numbers of degrees, basic certificates, and total awards earned by men since 1993-94.

In 1995-96, among specific programs, the largest percentages of total degrees were awarded in general studies (36%), nursing (13%), and business administration (5%). The largest percentages of advanced and technical certificates were awarded in practical nursing--articulating, practical nursing--non-articulating, and water technology (10% each). The most frequently awarded basic certificates were emergency medical technology (44%), nursing assistant (13%), and business administration (12%).

Pima Community College 1995-96 Graduates Summary

This report presents information about Pima Community College's (PCC) Summer 1995, Fall 1995 and Spring 1996 graduates and their awards. It includes information on the graduates' gender and ethnicity. It also reports the number and percentage of associate degrees and certificates (basic, technical, and advanced) awarded to the graduates categorized by type of degree or certificate, instructional program, ethnicity, and gender. In addition, the report compares information from 1995-96 with data from the previous nine years.

1995-96 Graduates by Gender and Ethnicity

In 1995-96 there were 1,476 graduates. As shown in Table 1, 58% of these were female and 31% minority. More specifically, 21% were Hispanic, 4% African-American, 4% Asian-American, and 2% Native American (see Graph 1).

Graph 1. Percentage of 1995-96 Graduates by Ethnicity

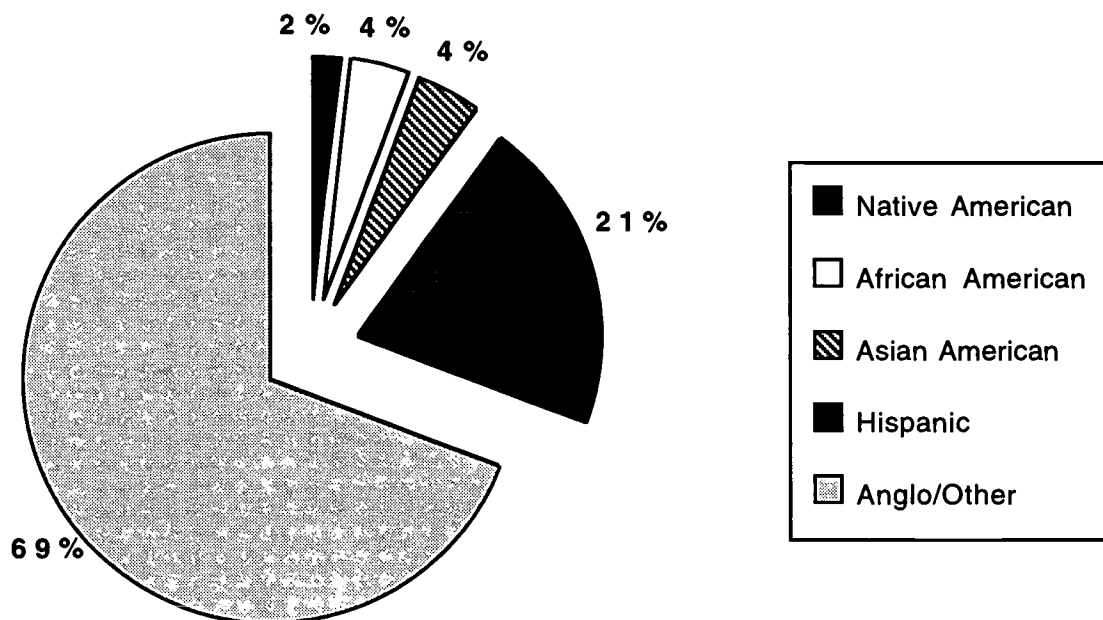


Table 1. Number and Percentage of 1995-96 Graduates by Ethnicity and Gender

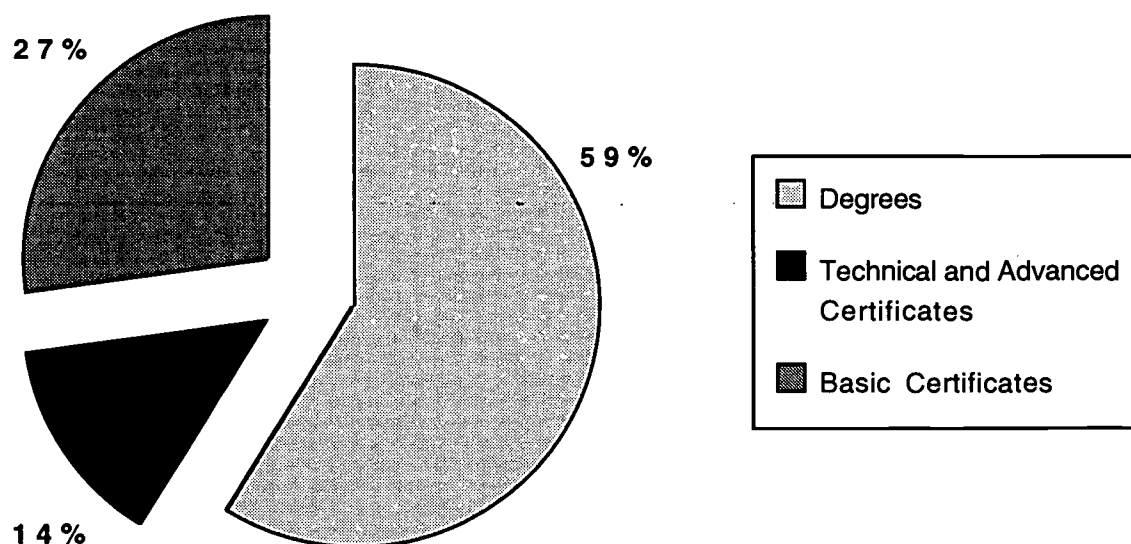
Ethnicity	Gender					
	Male		Female		Total	
	N	%	N	%	N	%
Native American	18	3%	19	2%	37	2%
African American	35	6%	18	2%	53	4%
Asian American	22	4%	32	4%	54	4%
Hispanic	133	21%	185	22%	318	21%
Anglo/Other	410	66%	604	70%	1,014	69%
Total	618	100%	858	100%	1,476	100%
Minority Total	208	34%	254	30%	462	31%
% of All Graduates	618	42%	858	58%	1,476	100%

1995-96 Degrees and Certificates

Total Awards. Graph 2 and Tables 2-3 show that degrees constituted almost three-fifths of the 1,674 total awards, followed by basic certificates (27%), and combined technical and advanced certificates (14%). There were almost seven times as many advanced certificates awarded as technical certificates.

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Graph 2. Percentage of 1995-96 Awards by Type of Award



**Table 2. Number and Percentage of Degrees and Certificates Awarded
1995-96 Graduates by Ethnicity**

Degree/ Cert. Awarded	Ethnicity								Total			Minority Total			
	Native American		Asian American		African American		Hispanic		Anglo/ Other		N			% of Sub Total	% of Grand Total
	N	%	N	%	N	%	N	%	N	%					
Assoc. of Arts	3	5%	1	1%	4	6%	18	28%	39	60%	65	7%	4%	26	40%
Assoc. of Science	1	2%	5	11%	0	0%	14	31%	25	56%	45	4%	3%	20	44%
Assoc. of Applied Science	12	3%	20	4%	17	3%	94	18%	375	72%	518	52%	31%	143	28%
Assoc. of Applied Arts	0	0%	0	0%	0	0%	2	25%	6	75%	8	1%	<1%	2	25%
Assoc. of General Studies	7	2%	15	4%	16	5%	68	19%	245	70%	351	36%	21%	106	30%
Total Degrees	23	2%	41	4%	37	4%	196	20%	690	70%	987	100%	59%	297	30%

Technical Cert.	1	3%	3	10%	0	0%	5	17%	21	70%	30	13%	2%	9	30%
Advancd Cert.	4	2%	5	2%	12	6%	33	16%	150	74%	204	87%	12%	54	26%
Total Tech./ Adv. Cert.	5	2%	8	4%	12	5%	38	16%	171	73%	234	100%	14%	63	27%

Total Basic Cert.	13	3%	9	2%	14	3%	133	29%	284	63%	453	100%	27%	169	37%
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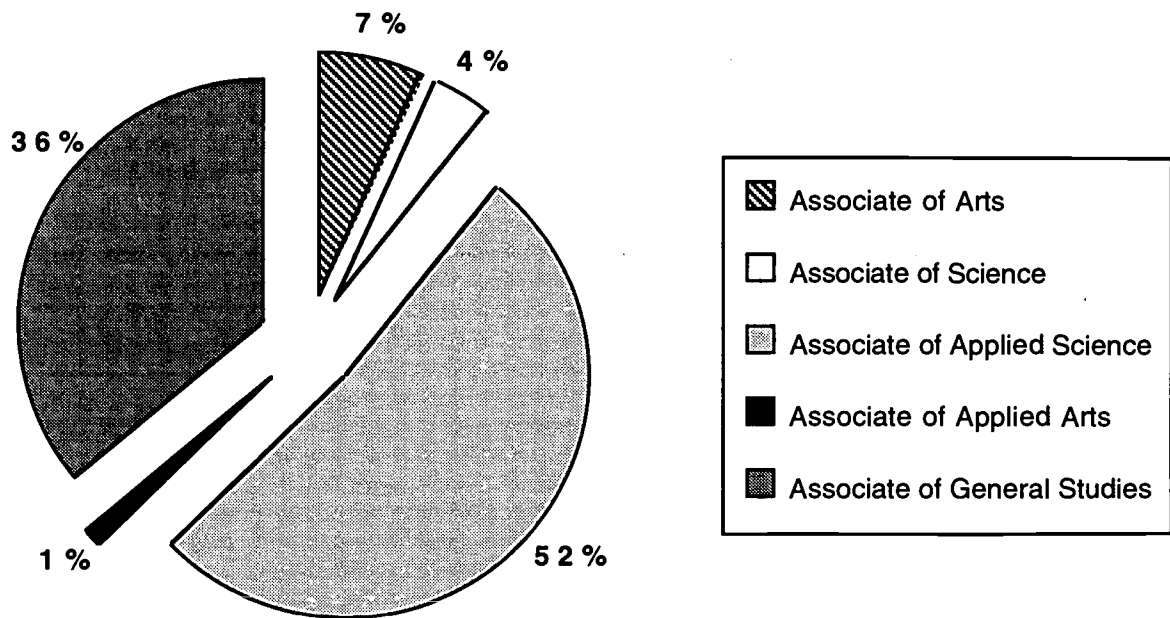
Total Degrees & Cert.	41	2%	58	4%	63	4%	367	22%	1,145	68%	1,674		100%	529	32%
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Table 3. Number and Percentage of Degrees and Certificates Awarded 1995-96 Graduates and Completers by Gender

Degree/ Cert. Awarded	Gender				Total		
	Men		Women		N	% of Sub Total	% of Grand Total
	N	%	N	%			
Associate of Arts	22	34%	43	66%	65	7%	4%
Associate of Science	28	62%	17	38%	45	4%	3%
Associate of Applied Science	181	35%	337	65%	518	52%	31%
Associate of Applied Arts	0	0%	8	100%	8	1%	<1%
Associate of General Studies	137	39%	214	61%	351	36%	21%
Total Degrees	368	37%	619	63%	987	100%	59%
Technical Certificates	22	73%	8	27%	30	13%	2%
Advanced Certificates	88	43%	116	57%	204	87%	12%
Total Technical/ Advanced Cert.	110	47%	124	53%	234	100%	14%
Total Basic Certificates	251	55%	202	45%	453	100%	27%
Total Degrees & Certificates	729	44%	945	56%	1,674		100%

Types of Degrees Awarded. Graph 3 and Tables 2-3 show that among the total 987 degrees, PCC most often awarded the Associate of Applied Science (AAS) degree (52%). Additionally, more than one-third of the degrees were Associate of General Studies (AGS) degrees (36%), followed by Associate of Arts (AA) degrees (7%), Associate of Science (AS) degrees (4%), and Associate of Applied Arts (AAA) degrees (1%).

Graph 3. Percentage of 1995-96 Degrees Awarded by Degree Type



Ethnic Differences. Minority students received 32% (529) of the total degrees and certificates awarded (Graph 4 and Table 2). Table 4 shows that minority students were most likely to receive a basic certificate (32% of awards) and least likely to receive an AAA degree (<1% of awards). The degree they were most likely to earn was an AAS (48% of degrees; 27% of all awards). The award most often granted to individuals in the Anglo/Other category was the AAS (33% of awards), followed by the basic certificate (25% of awards).

The pattern described above for all minorities also held separately for Native Americans and Hispanics: For each of these groups, the basic certificate was the single award most often earned and the AAS the degree most often earned. For African Americans and Asian Americans, the AAS represented the most frequently earned award and the AGS also was earned more frequently than the basic certificate.

Graph 4. Total Degrees and Certificates by Ethnicity -- 1995-96

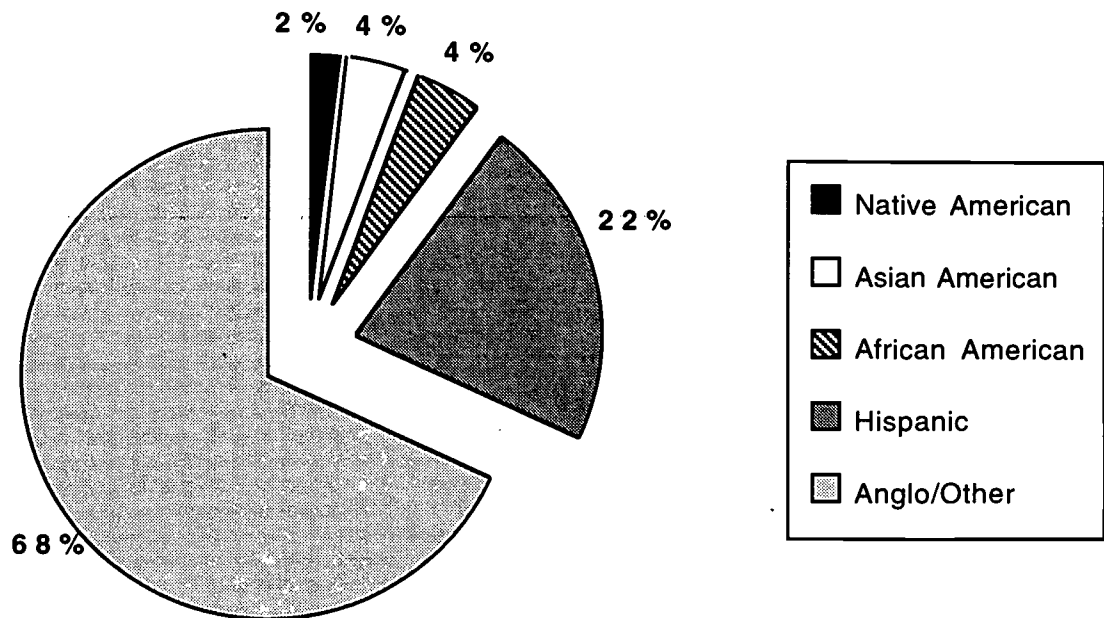


Table 4. Ethnicity by Award Type -- 1995-96

Degree/ Cert. Awarded	Ethnicity												Total		
	Native American			Asian American			African American			Hispanic			Anglo/ Other		
	% %			% %			% %			% %			% %		
	N	Sub.	All	N	Sub.	All	N	Sub.	All	N	Sub.	All	N	Sub.	All
AA	3	13%	7%	1	2%	2%	4	11%	6%	18	9%	5%	39	6%	3%
AS	1	4%	3%	5	12%	9%	0	0%	0%	14	7%	4%	25	4%	2%
AAS	12	52%	29%	20	49%	34%	17	46%	27%	94	48%	26%	375	54%	33%
AAA	0	0%	0%	0	0%	0%	0	0%	0%	2	1%	1%	6	1%	1%
AGS	7	31%	17%	15	37%	26%	16	43%	26%	68	35%	18%	245	35%	21%
Total Degrees	23	100%	56%	41	100%	71%	37	100%	59%	196	100%	54%	690	100%	60%

Technical Cert.	1	20%	2%	3	37%	5%	0	0%	0%	5	13%	1%	21	12%	2%
Advanced Cert.	4	80%	10%	5	63%	9%	12	100%	19%	33	87%	9%	150	88%	13%
Total Tech./ Adv. Cert.	5	100%	12%	8	100%	14%	12	100%	19%	38	100%	10%	171	100%	15%

Total Basic Cert.	13	100%	32%	9	100%	15%	14	100%	22%	133	100%	36%	284	100%	25%
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Total Degrees & Cert.	41	100%	100%	58	100%	100%	63	100%	100%	367	100%	100%	1145	100%	100%
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Gender Differences. As shown Table 3, women earned more awards (56%) than did men. Women received the majority (63%) of the degrees and the majority of each degree type except the AS degree. Although 57% of the advanced certificates were earned by women, 73% of the technical certificates were awarded to men. Men earned more basic certificates (55%) than did women.

As shown in Table 5, women, like men, were most likely to receive an AAS (36% of awards) and least likely to receive an AAA or a technical certificate (each 1% of awards).

Table 5. Gender by Award Type -- 1995-96

Degree/ Cert. Awarded	Gender					
	Men			Women		
	N	% of Subcategory	% of All Awards	N	% of Subcategory	% of All Awards
Associate of Arts	22	6%	3%	43	7%	4%
Associate of Science	28	8%	4%	17	3%	2%
Associate of Applied Science	181	49%	25%	337	54%	36%
Associate of Applied Arts	0	0%	0%	8	1%	1%
Associate of General Studies	137	37%	19%	214	35%	23%
Total Degrees	368	100%	51%	619	100%	66%

Technical Certificates	22	20%	3%	8	6%	1%
Advanced Certificates	88	80%	12%	116	94%	12%
Total Technical/Advanced Cert.	110	100%	15%	124	100%	13%

Total Basic Certificates	251	100%	34%	202	100%	21%
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Total Degrees & Certificates	729	100%	100%	945	100%	100%
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Trends in the Awarding of Degrees and Certificates: 1989-90 to 1995-96

Ten-year Comparison of Degrees and Certificates. Graph 5 and Table 6 show the number of degrees and certificates awarded annually between 1986-87 and 1995-96. Between 1986-87 and 1991-92 (1992-93 for basic certificates), there were steady increases in the number of degrees, basic certificates, and total awards granted annually. Every year thereafter, the number of degrees awarded declined, so that 15% fewer degrees were awarded in 1995-96 than in 1991-92. Since 1992-93, there have been annual declines in the number of basic certificates awarded, twenty-three percent fewer being awarded in 1995-96 than in 1992-93. Consistent annual declines in the total number of awards since 1991-92 resulted in the awarding of 14% fewer awards in 1995-96 than in 1991-92.

Throughout the ten-year period, the majority of awards granted annually have been associate degrees, although the proportion of all awards they represent declined over time from 67% in 1986-87 to 59% in 1995-96. The proportion of all awards represented by technical and advanced certificates increased annually during the first half of the decade but since 1991-92 has remained constant at 13% to 15%. Over the ten-year period, basic certificates consistently have accounted for about 30% of the awards granted annually.

Graph 5. Number of Degrees and Certificates Awarded from 1986-87 to 1995-96

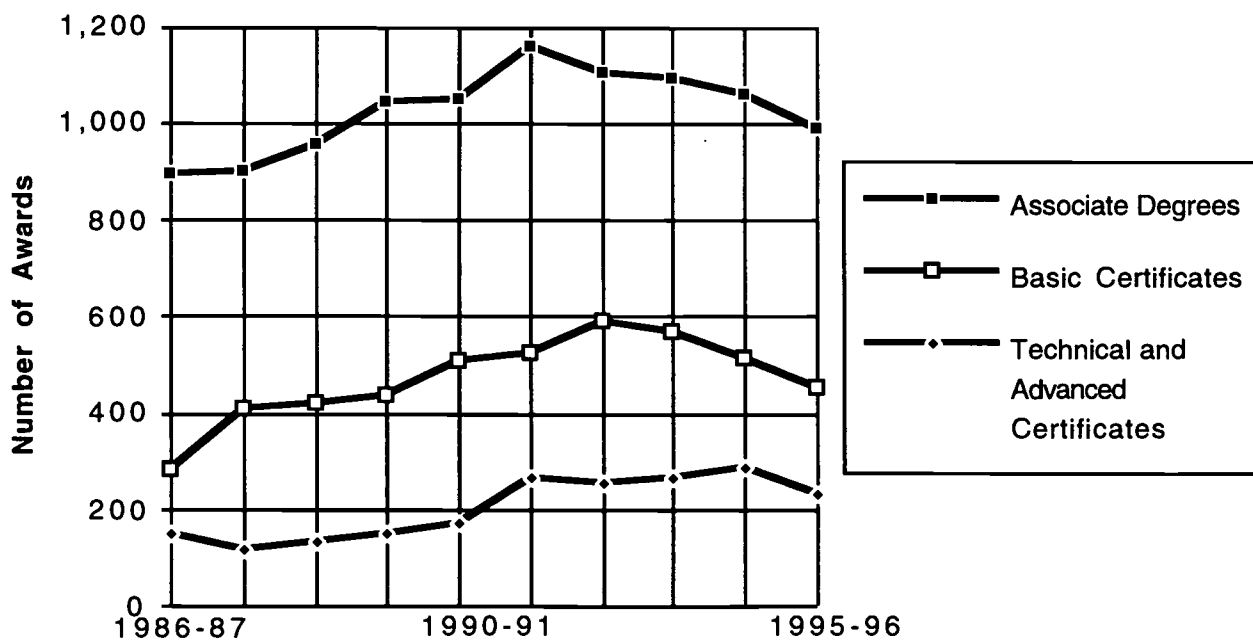


Table 6. Number and Percent of Degrees and Certificated Awarded from 1986-87 to 1995-96

Year	Associate Degrees		Technical and Advanced Certificates		Basic Certificates		Total Number of Awards	Number of Graduates* (Undupl.)
	N	% of Total Awards	N	% of Total Awards	N	% of Total Awards		
1986-87	896	67%	153	12%	285	21%	1,334	949
1987-88	899	63%	119	8%	409	29%	1,427	919
1988-89	955	63%	132	9%	421	28%	1,508	974
1989-90	1,044	64%	148	9%	435	27%	1,627	1,062
1990-91	1,050	61%	170	10%	507	29%	1,727	1,108
1991-92	1,162	59%	265	14%	524	27%	1,951	1,245
1992-93	1,107	57%	253	13%	590	30%	1,950	1,164
1993-94	1,094	57%	264	14%	570	29%	1,928	1,191
1994-95	1,060	57%	288	15%	517	28%	1,865	1,631
1995-96	987	59%	234	14%	453	27%	1,674	1,476

* Graduates are persons awarded degrees and/or advanced/technical certificates

Seven-Year Trends by Ethnicity. Tables 7-10 display seven-year trends in the awarding of degrees and certificates by ethnicity. As shown in Table 7, between 1989-90 and 1996-97 individuals in the Anglo/Other group annually earned between two-thirds and three-quarters of all awards. However during the decade they experienced consistent annual declines in the number and percentage of total awards earned, earning 7% fewer awards in 1995-96 than in 1989-90. Minority graduates generally and Hispanics in particular experienced increases in these figures. The latter group earned 5% (87) more awards in 1995-96 than in 1989-90. Since 1992-93 Asian Americans also have experienced annual increases in the number and proportion of awards earned, earning 4% of the awards in 1995-96, up from 2% in 1992-93. Over the decade, African Americans consistently earned from 3% to 4% of the annual awards, Native Americans from 2% to 3%.

Since 1992-93 minority graduates have experienced consistent annual increases, and Anglo/Other graduates consistent annual decreases, in the numbers and percentages of degrees and basic certificates. Both groups, and in particular Hispanics, experienced a sharp drop in the number of advanced and technical certificates between 1994-95 and 1995-96 (Anglo/Others: -17%, all minorities: -23%, Hispanics: -39%).

**Table 7. Number and Percent of Total Awards by Ethnicity by
1989-90 to 1995-96**

	Ethnicity								Minority Total			
	Native American		Asian American		African American		Hispanic			Anglo/ Other		
	N	%	N	%	N	%	N	%		N	%	
1989-90	30	2%	44	3%	57	3%	280	17%	1,216	75%	411	25%
1990-91	37	2%	44	3%	73	4%	298	17%	1,275	74%	452	26%
1991-92	49	3%	45	2%	87	4%	354	18%	1,416	73%	535	27%
1992-93	39	2%	42	2%	55	3%	342	18%	1,472	75%	478	25%
1993-94	30	1%	50	3%	62	3%	381	20%	1,405	73%	523	27%
1994-95	43	2%	50	3%	58	3%	388	21%	1,326	71%	539	29%
1995-96	41	2%	58	4%	63	4%	367	22%	1,145	68%	529	32%

**Table 8. Number and Percent of Associated Degrees Awarded by
Ethnicity from 1989-90 to 1995-96**

	Ethnicity						Minority Total					
	Native American		Asian American		African American			Hispanic		Anglo/ Other		
	N	%	N	%	N	%		N	%	N	%	
1989-90	15	1%	29	3%	40	4%	178	17%	782	75%	262	25%
1990-91	19	2%	24	2%	49	5%	169	16%	789	75%	261	25%
1991-92	32	3%	31	3%	63	5%	203	17%	833	72%	329	28%
1992-93	21	2%	21	2%	32	3%	198	18%	835	75%	272	25%
1993-94	14	1%	23	2%	40	4%	215	20%	802	73%	292	27%
1994-95	20	2%	26	2%	39	4%	206	19%	769	73%	291	27%
1995-96	23	2%	41	4%	37	4%	196	20%	690	70%	297	30%

Table 9. Number and Percent of Technical and Advanced Certificated Awarded by Ethnicity from 1989-90 to 1995-96

	Ethnicity								Minority Total			
	Native American		Asian American		African American		Hispanic			Anglo/ Other		
	N	%	N	%	N	%	N	%		N	%	
1989-90	4	3%	1	1%	5	3%	30	20%	108	73%	40	27%
1990-91	4	2%	2	1%	6	4%	35	21%	123	72%	47	28%
1991-92	4	1%	7	3%	7	3%	49	18%	198	75%	67	25%
1992-93	6	3%	8	3%	8	3%	33	13%	198	78%	55	22%
1993-94	6	2%	8	3%	8	3%	47	18%	195	74%	69	26%
1994-95	4	1%	9	3%	7	2%	62	22%	206	72%	82	28%
1995-96	5	2%	8	4%	12	5%	38	16%	171	73%	63	27%

Table 10. Number and Percent of Basic Certificated Awarded by Ethnicity from 1989-90 to 1995-96

	Ethnicity								Minority Total			
	Native American		Asian American		African American		Hispanic			Anglo/ Other		
	N	%	N	%	N	%	N	%		N	%	
1989-90	11	2%	14	3%	12	3%	72	17%	326	75%	109	25%
1990-91	14	3%	18	3%	18	3%	94	19%	363	72%	144	28%
1991-92	13	3%	7	1%	17	3%	102	19%	385	74%	139	26%
1992-93	12	2%	13	2%	15	3%	111	19%	439	74%	151	26%
1993-94	10	2%	19	3%	14	2%	119	21%	408	72%	162	28%
1994-95	19	4%	15	3%	12	2%	120	23%	351	68%	166	32%
1995-96	13	3%	9	2%	14	3%	133	29%	284	63%	169	37%

Seven-Year Trends by Gender. As shown in Table 11, since 1992-93, both men and women generally have experienced annual declines in the numbers of degrees, basic certificates, and total awards earned. While the proportion of degrees annually earned by women increased during the period, the proportion of basic certificates decreased. The proportions of total awards earned by men and women has remained constant since 1993-94--56% to 57% for women, 43% to 44% for men.

Table 11. Number and Percent of Awards and Award Types by Gender from 1989-90 to 1995-96

	Degrees		Technical/Advanced Certificates		Basic Certificates		Total Awards	
	Male	Female	Male	Female	Male	Female	Male	Female
	N %	N %	N %	N %	N %	N %	N %	N %
1989-90	457 44%	587 56%	55 37%	93 63%	209 48%	226 52%	721 44%	906 56%
1990-91	431 41%	619 59%	66 39%	104 61%	267 53%	240 47%	764 44%	963 56%
1991-92	518 45%	644 55%	126 48%	139 52%	278 53%	246 47%	922 47%	1,029 53%
1992-93	494 45%	613 55%	122 48%	131 52%	336 57%	254 43%	952 49%	998 51%
1993-94	438 40%	656 60%	129 49%	135 51%	268 47%	302 53%	835 43%	1,093 57%
1994-95	406 38%	654 62%	126 44%	162 56%	274 53%	243 47%	806 43%	1,059 57%
1995-96	368 37%	619 63%	110 47%	124 53%	251 55%	202 45%	729 44%	945 56%

Graduates and Completers by Program

Degrees by Program. In Appendix A (green section), the number and percentage of degrees awarded are categorized by instructional program, ethnicity, and gender. The largest percentages of total degrees were awarded in the following programs: general studies (36%), nursing (13%), and business administration (5%).

The largest number of degrees awarded to minority students were in general studies (106), business administration (17), liberal arts and sciences (15), nursing (15), and social services (14). Programs having 10 or more graduates with minority students earning more than 35% of those degrees are liberal arts and sciences (51%), teacher-director (46%), tourism and destination (40%), accounting (38%), business administration (37%), and social services (35%).

Conversely, programs having 10 or more graduates with minority students earning less than 20% of those degrees are environmental technology (18%), respiratory care (16%), and nursing (12%).

Men and women tend to earn degrees in different programs. Programs having 10 or more graduates with women earning more than 65% of the degrees are teacher-director (100%), tourism and destination (100%), dental hygiene (95%), nursing (83%), legal assistant (77%), liberal arts and sciences (76%), social services (75%), and accounting (71%). Environmental technology (21%) was the only program having 10 or more graduates with women earning less than 45% of the degrees.

Technical and Advanced Certificates by Program. Appendix B (blue section) displays the number and percentage of technical and advanced certificate recipients by instructional program, ethnicity, and gender. The technical and advanced certificates most often awarded were in the following programs: practical nursing--articulating (10%), practical nursing--non-articulating (10%), water technology (10%), and wastewater technology (9%).

The largest number of technical and advanced certificates were awarded to minority students in practical nursing--articulating (7), data entry operator (6), teacher aide/assistant (5), and microcomputer technician (5). Teacher aide/assistant (50%) was the only program having 10 or more graduates with minority students earning more than 35% of the certificates. Programs with 10 or more graduates with minority students earning less than 20% of the certificates are practical nursing--nonarticulating (17%), hazardous materials management (14%), wastewater technology (14%), and water technology (13%).

Programs having 10 or more graduates with women earning more than 65% of the certificates are teacher aide/assistant (100%), dental assisting education (94%), practical nursing--articulating (88%), and practical nursing--nonarticulating (78%). Conversely, programs having 10 or more graduates with women earning less than 45% of the certificates are hazardous material management (29%), water technology (17%), wastewater technology (14%), aviation structural repair (9%), and microcomputer technician (0%).

Basic Certificates by Program. The number and percentage of basic certificates awarded are categorized by instructional program, ethnicity, and gender in Appendix C (salmon section). The largest proportion of awards were in the emergency medical technology program (44%), nursing assistant program (13%), business administration program (12%), and microcomputer technician program (7%).

The largest number of basic certificates were awarded to minority students in emergency medical technology (60), business administration (29), nursing assistant (20), social service (10), and microcomputer repair (7). Programs having 10 or more graduates with minority students earning more than 35% of those basic certificates are business administration (55%) and social service (53%). There were no programs having 10 or more graduates in which minority students earned less than 20% of the certificates in the program.

Programs having 10 or more graduates with women earning more than 65% of the basic certificates are nursing assistant (87%) and social services (68%). Conversely, programs having 10 or more graduates with women earning less than 45% of the basic certificates are business administration (42%), emergency medical technology (34%) and microcomputer repair (0%).

Appendix A
Number and Percent of 1995-96 Degrees Awarded by
Degree Program, Ethnicity and Gender

Appendix A. Number and Percent of 1995-96 Degrees Awarded by Degree Program, Ethnicity and Gender

Program	Ethnicity										Gender		Total		Total Minority			
	Native American		Asian American		African American		Hispanic		Anglo/ Other		Men		Women		% of Total			
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%		
	Degrees																	
Accounting																		
Accounting			2	9%			6	29%	13	62%	6	29%	15	71%	21	2%	8	38%
Administration of Justice																		
Corrections							2	40%	3	60%	3	60%	2	40%	5	1%	2	40%
Corrections Rehabilitation					1	50%	1	50%			2	100%			2	<1%	2	100%
Criminal Justice							5	31%	11	69%	8	50%	8	50%	16	2%	5	31%
Advertising Art & Computer Graphics																		
Advertising Art & Computer Graphics									1	100%			1	100%	1	<1%		
Computer Art							1	100%			1	100%			1	<1%	1	100%
Desk Top Publishing							1	17%	5	83%	3	50%	3	50%	6	1%	1	17%
Illustration	1	50%					1	50%			2	100%			2	<1%	2	100%
Pre-press Artist							1	100%					1	100%	1	<1%	1	100%
Production Artist									2	100%			2	100%	2	<1%		
Technical Illustration					1	100%							1	100%	1	<1%	1	100%

Appendix A. Number and Percent of 1995-96 Degrees Awarded by Degree Program, Ethnicity and Gender

Program	Ethnicity										Gender		Total		Total Minority N %
	Native American		Asian American		African American		Hispanic		Anglo/ Other		Men N %	Women N %	N	% of Total Degrees	
	N	%	N	%	N	%	N	%	N	%					
Air Conditioning															
Air Conditioning Technology									5	100%			5	1%	
American Indian Studies															
American Indian Studies	1	100%									1	100%	1	<1%	1 100%
Anthropology															
Anthropology															
Apprentice Related Instruction															
Trade & Industrial Technology							2	67%	1	33%	3	100%	3	<1%	2 67%
Archaeology															
Archaeology															
Arts															
Applied Arts							1	25%	3	75%		4	100%	4	<1%
Fine Arts			1	50%					1	50%		2	100%	2	<1%
Asian Studies															
Asian Studies															

Appendix A. Number and Percent of 1995-96 Degrees Awarded by Degree Program, Ethnicity and Gender

Program	Ethnicity								Gender		Total		Total Minority N %	
	Native American		Asian American		African American		Hispanic		Anglo/ Other		Men N %	Women N %		% of Total Degrees N
	N	%	N	%	N	%	N	%	N	%				
Automotive Technology														
Automotive Technology									2	100%			2	<1%
Aviation Mechanics														
Aviation Structural Repair							1	14%	6	86%	1	14%	7	1%
Biology														
Pre-Agriculture	1	50%							1	50%	1	50%	2	<1%
Business Administration														
Business Administration			6	13%	1	2%	10	22%	29	63%	17	37%	46	5%
Chemistry														
Chemistry									1	100%	1	100%	1	<1%
Computer Science														
Computer Prog./Analysis			1	8%	1	8%	2	15%	9	69%	7	54%	6	46%
Computer Science Small Business									1	100%	1	100%		<1%
Computer Specialist	1	12%					2	25%	5	63%	2	25%	6	75%
													8	1%
													3	37%

Appendix A. Number and Percent of 1995-96 Degrees Awarded by Degree Program, Ethnicity and Gender

Program	Ethnicity						Gender		Total		Total Minority	
	Native American		Asian American		African American		Hispanic		Anglo/ Other		Men	
	N	%	N	%	N	%	N	%	N	%	N	%
Construction												
Construction												
Construction Drafting												
Construction Drafting			2	24%	1	13%	1	13%	4	50%	5	63%
Construction Technology												
Commercial Building												
Grading and Paving												
Residential and Light Commercial												
Court Administration Program												
Court Administration Program							1	20%	4	80%	5	100%
Dental Hygiene												
Dental Hygiene	2	10%					3	15%	15	75%	1	5%
Dental Laboratory Technology												
Dental Laboratory Technology					1	20%	2	40%	2	40%	5	100%
											5	1%
											20	2%
											5	25%
											1	20%
											5	1%
											4	50%

Appendix A. Number and Percent of 1995-96 Degrees Awarded by Degree Program, Ethnicity and Gender

Program	Ethnicity						Gender		Total		Total Minority	
	Native American		Asian American		African American		Hispanic		Anglo/Other		Men	
	N	%	N	%	N	%	N	%	N	%	N	%
Design												
Interior Design							1	33%	2	67%	3	<1%
Drafting Technology												
Drafting, Mechanical					1	25%			3	75%	2	50%
Drafting, Electro-Mechanical or Mech.	1	25%			1	25%	1	25%	1	25%	2	50%
Drama												
Drama					1	100%					1	<1%
Early Childhood Education												
Teacher-Director	2	15%			1	8%	3	23%	7	54%	13	1%
Education												
Education	1	17%							5	83%	3	50%
Pro-Professional Education							1	100%			1	<1%
Pre-Prof. Education, Elementary							2	67%	1	33%	3	<1%
Electronics Technology												
Electronics Technology			1	11%	1	11%	2	22%	5	56%	8	89%
											1	11%
											9	1%
											4	44%

Appendix A. Number and Percent of 1995-96 Degrees Awarded by Degree Program, Ethnicity and Gender

Program	Ethnicity										Gender		Total		Total Minority N %
	Native American		Asian American		African American		Hispanic		Anglo/ Other		Men		Women		
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	
Electronics															
Technology Cont.															
Digital Electronics Technology									1	100%			1	<1%	
Instrument. & Process Control									1	100%			1	<1%	
Microcomputer Technician					1	14%	1	14%	5	72%	5	71%	2	29%	2 29%
Engineering															
Engineering			2	22%			4	45%	3	33%	8	89%	1	11%	6 67%
Environmental Technology															
Environmental Technology	1	4%			1	4%	3	10%	23	82%	22	79%	6	21%	5 18%
Finance															
Banking							1	100%					1	100%	1 1%
Credit Union															
Savings Bank															
Fire Science															
Fire Science									7	100%	7	100%			7 1%

Appendix A. Number and Percent of 1995-96 Degrees Awarded by Degree Program, Ethnicity and Gender

Program	Ethnicity						Gender		Total		Total Minority	
	Native American		Asian American		African American		Hispanic		Anglo/Other		Men	
	N	%	N	%	N	%	N	%	N	%	N	%
Fitness and Sport Science												
Fitness and Sport Science									1	100%	1	<1%
Leisure Studies									2	100%	1	50%
Fitness/Wellness Technician												
Foods, Clothing, Family Consumer Resources												
Fashion Design												
Professional Seamstress												
General Studies												
General Studies	7	2%	15	4%	16	5%	68	19%	246	70%	137	39%
											215	61%
											352	36%
											106	30%
Geology												
Geology												
Graphic Technology												
Graphic Technology			1	100%							1	<1%
Pre-Press Artist												

Appendix A.
Number and Percent of 1995-96 Degrees Awarded by Degree Program, Ethnicity and Gender

Program	Ethnicity								Gender			Total		Total Minority				
	Native American		Asian American		African American		Hispanic	Anglo/ Other		Men		Women		N	% of Total Degrees	N	%	
	N	%	N	%	N	%	N	%	N	%	N	%						
Hospitality																		
Culinary Arts																		
Hospitality																		
Hospitality Restaurant Management																		
Hotel-Motel Management						1	25%		3	75%		4	100%	4	<1%	1	25%	
Restaurant, Culinary & Food Management									4	100%	3	75%	1	25%	4	<1%		
Tourism & Destination Development			3	30%				1	10%	6	60%		10	100%	10	1%	4	40%
Interdisciplinary Sciences																		
Interdisciplinary Sciences																		
Pre-Optical Sciences																		
International Business Studies																		
International Business Studies			2	33%				4	67%		1	17%	5	83%	6	1%	6	100%
Interpreter Training Program																		
Interpreter Training Program										1	100%		1	100%	1	<1%		

Appendix A. Number and Percent of 1995-96 Degrees Awarded by Degree Program, Ethnicity and Gender

Program	Ethnicity						Gender		Total		Total Minority	
	Native American		Asian American		African American		Hispanic		Anglo/Other		Men	
	N	%	N	%	N	%	N	%	N	%	N	%
Liberal Arts & Sciences Cont.												
ASU/NAU Option												
Machine												
Tool Technology												
Computer Numerical Control Machinist Machine												
Tool Technology									1	100%	1	<1%
Manufacturing Technology												
Mathematics												
Mathematics							2	67%	1	33%	3	<1%
Media Communications												
Print Media									1	100%	1	<1%
Telecommunications							1	50%	1	50%	2	<1%
Music												
Music									1	100%	1	<1%
Nursing												
Associate Degree Nursing	1	1%	3	2%	2	2%	9	7%	111	88%	21	17%
											105	83%
											126	13%
											15	12%

Appendix A. Number and Percent of 1995-96 Degrees Awarded by Degree Program, Ethnicity and Gender

Program	Ethnicity										Gender		Total		Total Minority			
	Native American		Asian American		African American		Hispanic		Anglo/ Other		Men	Women	N	% of Total Degrees	N	%		
	N	%	N	%	N	%	N	%	N	%								
Office Education																		
Administrative Assistant							1	50%	1	50%		2	100%	2	<1%	1	50%	
Records Management, Business Admin.																		
Records Management, Medical																		
Secretary, Bilingual							1	50%	1	50%		2	100%	2	<1%	1	50%	
Secretary, Executive			1	50%					1	50%		2	100%	2	<1%	1	50%	
Secretary, General									1	100%		1	100%	1	<1%			
Secretary, Legal							2	100%				2	100%	2	<1%	2	100%	
Secretary, Medical							1	50%	1	50%		2	100%	2	<1%	1	50%	
Pharmacy Technology																		
Pharmacy Technology			1	20%			1	20%	3	60%	1	20%	4	80%	5	1%	2	40%
Physics																		
Physics									1	100%	1	100%	0	0%	1	<1%		
Political Science																		
Political Science																		

Appendix A. Number and Percent of 1995-96 Degrees Awarded by Degree Program, Ethnicity and Gender

Program	Ethnicity										Gender		Total		Total Minority N %			
	Native American		Asian American		African American		Hispanic		Anglo/ Other				% of Total Degrees					
	N	%	N	%	N	%	N	%	N	%	N	%						
Public Administration																		
Public Administration									1	100%	1	<1%						
Radiologic Technology																		
Radiologic Technology					1	7%	3	22%	10	71%	7	50%	14	1%	4	29%		
Real Estate																		
Real Estate Sales/Brokerage							1	50%	1	50%	2	100%	2	<1%	1	50%		
Respiratory Therapy Care																		
Respiratory Care							3	16%	16	84%	7	37%	12	63%	19	2%	3	16%
Social Services																		
Gerontology Specialty							1	25%	3	75%	1	25%	3	75%	4	<1%	1	25%
Social Services	2	5%			1	2%	11	28%	26	65%	10	25%	30	75%	40	4%	14	35%
Substance Abuse Specialty							2	29%	5	71%	3	43%	4	57%	7	1%	2	29%
Sociology																		
Sociology					1	100%					1	100%			1	<1%	1	100%

Appendix A. Number and Percent of 1995-96 Degrees Awarded by Degree Program, Ethnicity and Gender

Program	Ethnicity						Gender		Total		Total Minority	
	Native American		Asian American		African American		Hispanic		Anglo/Other		Men	
	N	%	N	%	N	%	N	%	N	%	N	%
Speech Communication												
Speech Communication												
Welding												
Welding												
Youth Care												
Youth Care												
Youth Care Rehabilitation												
Total	23	2%	41	4%	37	4%	196	20%	690	70%	368	37%
											619	63%
											987	100%
											297	30%

Appendix B
Number and Percent of 1995-96 Technical and Advanced
Certificates Awarded by Program,
Ethnicity and Gender

**Appendix B. Number and Percent of 1995-96 Technical and Advanced Certificates
Awarded by Program, Ethnicity and Gender**

Program	Ethnicity						Gender		Total		Total Minority N %						
	Native American		Asian American		African American		Anglo/ Other		Men			Women					
	N	%	N	%	N	%	N	%	N	%		N	%				
Accounting																	
Accounting					4	57%	3	43%	2	29%	5	71%	7	3%	4	57%	
Advertising Art & Computer Graphic																	
Technical Illustration							1	100%			1	100%	1	<1%			
Air Conditioning																	
Air Conditioning, Heating, Ventilation							3	100%	3	100%			3	1%			
Archaeology																	
Archaeological Fieldwork							1	100%	1	100%			1	<1%			
Computer Archaeology and Cartography																	
Automotive Technology																	
Automotive Mechanics			1	100%							1	100%	1	<1%	1	100%	
Aviation Mechanics																	
Airframe/Power -plant Mechanics																	
Aviation Structural Repair	1	9%				2	18%	8	73%	10	91%	1	9%	11	5%	3	27%

Appendix B. Number and Percent of 1995-96 Technical and Advanced Certificates Awarded by Program, Ethnicity and Gender

Program	Ethnicity						Gender		Total		Total Minority	
	Native American		Asian American		African American		Anglo/Other		Hispanic		Men	
	N	%	N	%	N	%	N	%	N	%	N	%
Business												
Administration												
Business Administration							2	100%			2	1%
Computer Science												
Data Entry Operator	1	11%			1	11%	3	33%	4	45%	1	11%
Construction												
Drafting												
Construction Drafting							2	67%	1	33%	3	1%
Construction Technology												
Commercial Building												
Grading and Paving												
Pre-Architecture							1	100%			1	<1%
Residential & Light Commercial												
Court												
Administration Program												
Court Administration Program							2	50%			4	2%
											2	50%

Appendix B. Number and Percent of 1995-96 Technical and Advanced Certificates Awarded by Program, Ethnicity and Gender

Program	Ethnicity										Gender		Total % of Total Tech./ Adv. Cert.	Total Minority N	%			
	Native American			Asian American		African American		Hispanic		Anglo/ Other		Men N				%	Women N	%
	N	%		N	%	N	%	N	%	N	%		N	%				
Dental Assisting Education																		
Dental Assisting Education	1	6%	1	6%			2	10%	14	78%	1	6%	17	94%	18	8%	4	22%
Design																		
Interior Design							1	100%			1	100%			1	<1%	1	100%
Drafting Technology																		
Drafting, Electro- Mechanical/Mech.									1	100%	1	100%			1	<1%		
Early Childhood Education																		
Teacher Aide/Assistant	1	10%			1	10%	3	30%	5	50%			10	100%	10	4%	5	50%
Electronics Technology																		
Microcomputer Repair							1	100%			1	100%			1	<1%	1	100%
Microcomputer Technician					2	11%	3	17%	13	72%	18	100%			18	8%	5	28%
Emergency Medical Technology																		
Emergency Medical Technology																		
Paramedic																		

**Appendix B. Number and Percent of 1995-96 Technical and Advanced Certificates
Awarded by Program, Ethnicity and Gender**

Program	Ethnicity						Gender		Total		Total Minority	
	Native American		Asian American		African American		Hispanic		Anglo/Other		Men	
	N	%	N	%	N	%	N	%	N	%	N	%
Environmental Technology												
Environmental Lab. Analysis												
Hazardous Material Management	1	7%			1	7%			12	86%	10	71%
Wastewater Technology					2	9%	1	5%	19	86%	19	86%
Water Technology					2	9%	1	4%	20	87%	19	83%
Finance												
Credit Union									1	100%	1	100%
Savings Bank												
Foods, Clothing, Family Consumer Resources												
Alteration Specialist												
Graphic Technology												
Graphic Technology, (Offset Printing)									1	100%	1	100%
Hospitality												
Executive Housekeeping									1	100%	1	100%

Appendix B. Number and Percent of 1995-96 Technical and Advanced Certificates Awarded by Program, Ethnicity and Gender

Program	Ethnicity						Gender		Total		Total Minority	
	Native American		Asian American		African American		Hispanic		Anglo/Other		Men	
	N	%	N	%	N	%	N	%	N	%	N	%
Hospitality Continued												
Hospitality Sales and Marketing												
Meetings and Convention Mgmt.									2	100%	2	1%
Travel												
Industry Management			1	100%							1	100%
Travel												
Industry Operations			1	17%			1	17%	4	66%	2	33%
Landscape Technician												
Landscape Technician									1	100%	1	<1%
Machine Tool Technology												
Computer Numerical Control Machinist									2	100%	2	1%
Machinist's Standard Certificate									2	100%	2	1%
Media Communication												
Telecommunications												
Mental Health Technician												
Mental Health Technician									2	100%	1	50%
											2	1%

Appendix B. Number and Percent of 1995-96 Technical and Advanced Certificates Awarded by Program, Ethnicity and Gender

Program	Ethnicity										Gender		Total		Total Minority N %		
	Native American		Asian American		African American		Hispanic		Anglo/ Other		Men		Women			% of Total Tech./ Adv. Cert.	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%			
Nursing																	
Practical Nursing										2	100%	1	50%	2	1%		
Practical Nursing, Articulating			1	4%	2	8%	4	17%	17	71%	3	13%	21	88%	24	10%	7 29%
Practical Nursing, Non-Articulating			1	4%	1	4%	2	9%	19	83%	5	22%	18	78%	23	10%	4 17%
Office Education																	
Clerk-Typist							2	67%	1	33%			3	100%	3	1%	2 67%
Receptionist (Medical, Legal, General)							1	33%	2	67%			3	100%	3	1%	1 33%
Receptionist (Legal)							1	50%	1	50%			2	100%	2	1%	1 50%
Records Management, Business Admin.																	
Records Management, Medical																	
Secretary, Bilingual																	
Pharmacy Technology																	
Pharmacy Technology			2	40%			1	20%	2	40%			5	100%	5	2%	3 60%
Real Estate																	
Real Estate Sales/Brokerage																	

**Appendix B. Number and Percent of 1995-96 Technical and Advanced Certificates
Awarded by Program, Ethnicity and Gender**

Program	Ethnicity						Gender		Total		Total Minority	
	Native American		Asian American		African American		Hispanic		Anglo/Other		Men	
	N	%	N	%	N	%	N	%	N	%	N	%
Welding												
Welding												
Youth Care												
Youth Care							1	50%	1	50%	2	100%
											2	1%
Total	5	2%	8	4%	12	5%	38	16%	171	73%	110	47%
											124	53%
											234	100%
											63	27%

Appendix C
Number and Percent of 1995-96 Basic Certificates
Awarded by Program, Ethnicity and Gender

Appendix C. Number and Percent of 1995-96 Basic Certificates Awarded by Program, Ethnicity and Gender

Program	Ethnicity						Gender		Total		Total Minority	
	Native American		Asian American		African American		Anglo/Other		Hispanic		Men	
	N	%	N	%	N	%	N	%	N	%	N	%
Advertising Art & Computer Graphics												
Advertising Art & Computer Graphics							5	83%	1	17%	2	33%
							4	67%	6	1%	5	83%
Air Conditioning												
Air Conditioning							2	100%	2	100%	2	<1%
Archaeology												
Field Archaeology							4	100%	1	25%	3	75%
Automotive Technology												
Automotive, Engine Repair & Overhaul							3	75%	1	25%	4	100%
Power Transmission							2	67%	1	33%	3	100%
Tune-up/Air Conditioning							2	50%	2	50%	4	100%
Suspension and Brakes			1	25%			1	25%	2	50%	4	100%
											4	1%
Aviation Technology												
Airframe Mechanics												
Business Administration												
Bilingual Business Administration							5	100%			5	100%

Appendix C. Number and Percent of 1995-96 Basic Certificates Awarded by Program, Ethnicity and Gender

Program	Ethnicity										Gender		Total		Total Minority			
	Native American		Asian American		African American		Hispanic		Anglo/Other		Men		Women		N	% of Total Basic Cert.	N	%
	N	%	N	%	N	%	N	%	N	%	N	%	N	%				
Business																		
Admin. Cont.																		
Business Administration	1	2%	2	4%	8	15%	18	34%	24	45%	31	58%	22	42%	53	12%	29	55%
Computer Science																		
Data Entry Operator					1	20%	3	60%	1	20%	1	20%	4	80%	5	1%	4	80%
Construction Drafting																		
Construction Drafting							1	50%	1	50%	2	100%			2	<1%	1	50%
Construction Technology																		
Commercial Building																		
Design																		
Functional Design							1	100%			1	100%			1	<1%	1	1
Interior Design							1	100%			1	100%			1	<1%	1	100%
Electronics Technology																		
Basic Electronics							1	100%			1	100%			1	<1%	1	100%
Electronics Technology									1	100%	1	67%			1	<1%		
Microcomputer Repair							7	22%	25	78%	32	100%			32	7%	7	22%

Appendix C. Number and Percent of 1995-96 Basic Certificates Awarded by Program, Ethnicity and Gender

Program	Ethnicity						Gender		Total		Total	
	Native American		Asian American		African American		Anglo/Other		Men		% of Total Basic Cert.	
	N	%	N	%	N	%	N	%	N	%	N	%
Emergency												
Medical Technology												
Emergency												
Medical Technology	8	4%	3	1%	2	1%	47	24%	132	66%	200	44%
							140	70%	68	34%	60	30%
Finance												
Credit Union							3	100%			3	1%
Savings Bank												
Fire Science												
Fire Science							1	100%	1	100%	1	<1%
Graphic Technology												
Graphic Technology (Offset Printing)												
Hospitality												
Airline												
Reservation Systems												
Culinary Arts							1	100%			1	<1%
Culinary Management							1	100%	1	100%	1	<1%
Executive Housekeeping							1	50%			2	<1%
Hospitality												
Sales and Marketing							1	100%			1	<1%

Appendix C. Number and Percent of 1995-96 Basic Certificates Awarded by Program, Ethnicity and Gender

Program	Ethnicity										Gender		Total		Total Minority			
	Native American		Asian American		African American		Hispanic		Anglo/Other		Men		Women		N	% of Total Basic Cert.	N	%
	N	%	N	%	N	%	N	%	N	%	N	%	N	%				
Hospitality Continued																		
Hotel Food & Beverage Mgmt.							2	33%	4	67%	3	50%	3	50%	6	1%	2	33%
Hotel Operations							1	25%	3	75%	2	50%	2	50%	4	1%	1	25%
Meeting & Convention Management									1	100%	1	100%			1	<1%		
Restaurant Management									2	100%	1	50%	1	50%	2	<1%		
International Business Studies																		
International Business Studies							2	100%					2	100%	2	<1%	2	100%
Interpreter Training Program																		
Sign Language Machine									4	100%			4	100%	4	1%		
Tool Technology																		
Machine Shop Fundamentals									1	100%	1	100%			1	<1%		
Nursing																		
Nursing Assistant	2	3%	1	2%	2	3%	15	25%	40	67%	8	13%	52	87%	60	13%	20	33%

Appendix C. Number and Percent of 1995-96 Basic Certificates Awarded by Program, Ethnicity and Gender

Program	Ethnicity								Gender		Total		Total Minority N %						
	Native American		Asian American		African American		Hispanic		Anglo/ Other		Men			Women					
	N	%	N	%	N	%	N	%	N	%	N	%		N	%				
Office Education																			
Bilingual Secretary							2	67%		1	33%		3	100%	3	1%	2	67%	
Pharmacy Technology																			
Pharmacy Technology			1	33%				2	67%			2	67%	1	33%	3	1%	3	100%
Real Estate																			
Real Estate Sales/Brokerage																			
Reserve Officer Training (ROTC)																			
Air Force ROTC																			
Army ROTC																			
Navy ROTC																			
Social Services																			
Domestic Violence Intervention							1	20%		4	80%	1	20%	4	80%	5	1%	1	20%
Eating Disorders										1	100%			1	100%	1	<1%		
Social Service	1	5%	1	5%	1	5%	7	38%		9	47%	6	32%	13	68%	19	4%	10	53%

**Appendix C. Number and Percent of 1995-96 Basic Certificates Awarded
by Program, Ethnicity and Gender**

Program	Ethnicity												Gender		Total		Total Minority	
	Native American		Asian American		African American		Hispanic		Anglo/Other						N	% of Total Basic Cert.	N	%
	N	%	N	%	N	%	N	%	N	%	N	%						
	Social Services Continued																	
Substance Abuse	1	20%					2	40%	2	40%	2	40%	3	60%	5	1%	3	60%
Welding																		
Welding																		
Total																		
	13	3%	9	2%	14	3%	133	29%	284	63%	251	55%	202	45%	453	100%	169	37%



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Organization/Address: Institutional Research Office Pima Community College 4905C East Broadway Tucson, AZ 85709-1275	Telephone: (520) 206-4934	FAX: (520) 206-4754
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