

**San Diego Community College District  
Degree and Certificate Report  
2002 Awards**

Prepared by the Office of Institutional Research and Planning  
San Diego Community College District

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# **San Diego Community College District Degree and Certificate Report 2002 Awards**

## **Introduction**

The purpose of this report is to provide a descriptive analysis of the degree and certificate recipients in the San Diego Community College District (SDCCD). In 2002<sup>1</sup>, nearly 4,000 associate degrees and certificates were awarded by the three community colleges in the district. The number of degrees and certificates described in this report may differ slightly from what is reported for the colleges in the Partnerships for Excellence (PFE) Report produced by the State Chancellor's Office. The primary reason for this discrepancy is the timing of the official submission of data.

The associate degree program has a 60-unit requirement and includes both the associate in arts and the associate in science degrees. The associate in arts degree is awarded in the social sciences, humanities, the arts, and similar disciplines. The associate in science degree is awarded in engineering, physical and biological sciences, and occupational curricula (see college catalog for a list of degree programs).

The colleges award two types of certificates, the "certificate of achievement" and the "certificate of completion". The certificate of achievement program is designed for students with specific personal or occupational goals. Certificate of achievement programs are issued based on the number of units required: 60 or more units, 30 to 59 units, and 18 to 29 units. For this report, two types of certificates of achievement are reported: "certificates of achievement (30+ units)", (combining those that are 60+ units and those that are 30+ units), and "certificates of achievement (18+ units)", which include programs that require between 18 and 29 units.

Certificate of completion programs are not routinely recorded on the database system and therefore currently unavailable for this report. Note that throughout this report, the term "certificate" refers only to certificates of achievement.

### **Awards vs. Recipients**

In 2002, City, Mesa, and Miramar colleges awarded a total of 3,705 associate degrees and certificates to 3,004 recipients. Some recipients obtained more than one award. The analyses in this report are divided into two parts. The first part will focus on the awards and the second part will provide a profile of the award recipients.

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<sup>1</sup> Reflects degrees and certificates awarded at the end of 2001-02 academic year (fall 2001, spring 2002).

## Part 1: Awards

The focus of analysis in this section is the 3,705 associate degrees and certificates awarded in 2002. It should be noted that the data assessed in this section are duplicated. Descriptive analyses were conducted in the following three areas:

- A. **Total Awards:** The total number of associate in arts degrees, associate in science degrees, certificates of achievement (30+ units), and certificates of achievement (18-29 units) awarded in 2002 was compared to comparable data in 2001.
- B. **Awards by Major:** The most popular majors for which degrees and certificates were awarded in 2002 were summarized by award category. For this section, the associate in arts and the associate in science degree awards were combined as “associate degree awards”.
- C. **Awards by Ethnicity:** The proportion of degrees and certificates awarded in 2002 by ethnic group was compared to the: (1) comparable ethnic proportion of the fall 2001 student population, and (2) comparable ethnic proportion of degrees and certificates awarded in 2001.

## Part 2: Profile of Recipients

This section provides an analysis of the demographic background of the 3,004 award recipients in 2002. The data reported in this section are unduplicated. Descriptive analyses include:

- A. **Recipient Demographics:** The 2002 degree and certificate recipients were described in terms of gender and ethnicity.
- B. **Single<sup>2</sup> and Multiple<sup>3</sup> Award Recipients:** This section consisted of demographic comparisons between single and multiple award recipients in 2002. In addition, single and multiple award recipients in 2002 were described in terms of the number of awards they received and the type (or combination of types) of awards they received.
- C. **Previous Award Status:** Demographic information of award recipients with additional degrees and certificates received prior to 2002 (1950 to 2001) were compared to recipients with no previous awards.
- D. **Average Number of Completed Units and Semesters:** The average number of units and semesters completed by recipients was evaluated in terms of ethnicity. However, since the average number of completed units and semesters is affected by the number of awards received, only those who received a single SDCCD award in 2002 (degree or certificate) and have no previous SDCCD awards (from 1950 to 2001) were included in the analysis.

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<sup>2</sup> Single award recipients are defined as those who received only one award (degree or certificate) in 2002 as indicated on their student record.

<sup>3</sup> Multiple award recipients are defined as those who received more than one award (degree or certificate) in 2002 as indicated on their student record.

**Results of the analyses were summarized separately for the district and each of the three colleges and are provided in the following four sections:**

- Section I – Districtwide Summary
- Section II – City College Summary
- Section III – Mesa College Summary
- Section IV – Miramar College Summary

# **Section I**

## **Districtwide Summary**

# Part 1: Awards

## ***A. TOTAL AWARDS - Districtwide***

*(Note: Data in this section are Duplicated)*

### ***1. Total Number of Degrees and Certificates Awarded – 2001 vs. 2002 (Table 1)***

- The total number of degrees and certificates awarded districtwide in 2002 was 3,705, about the same as the previous year (3,712 awards in 2001).
- In comparison to 2001, in 2002, there was a seven percent (7%) increase in the number of associate in arts degrees awarded and a two percent increase (2%) in the number of associate in science degrees awarded. However, the number of certificates of achievement (30+ units) and certificates of achievement (18-29 units) awarded decreased by ten percent (10%) and (7%) respectively.

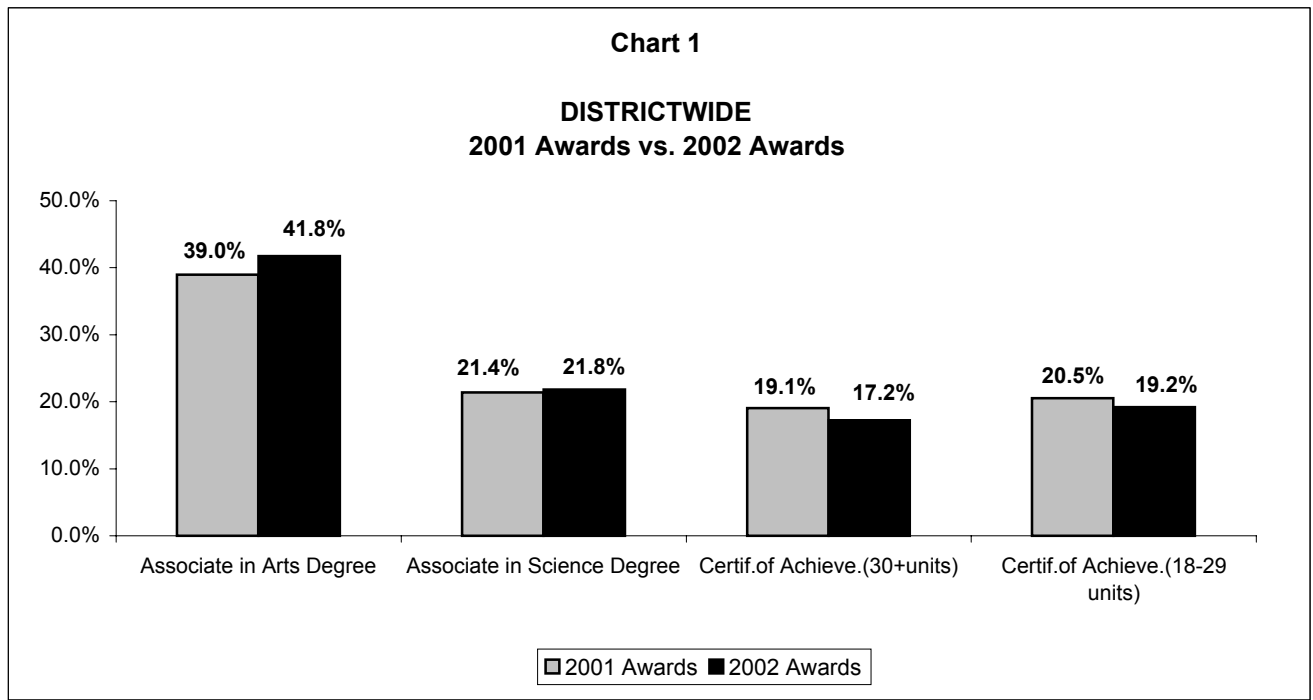
### ***2. Total Number of Degrees and Certificates Awarded in 2002 (Chart 1)***

- Forty-two percent (42%) of all degrees and certificates awarded districtwide in 2002 were associate in arts degrees, 22% were associate in science degrees, 17% were certificates of achievement (30+ units), and 19% were certificates of achievement (18-29 units).

Table 1

**Total Number of Degrees and Certificates Awarded<sup>1</sup> - DISTRICTWIDE  
2001 Awards vs. 2002 Awards**

	2001	2002	Change	% Change
<b>Districtwide</b>				
Associate in Arts Degree	1,447	1,547	100	6.9%
Associate in Science Degree	795	809	14	1.8%
Certificate of Achievement <sup>2</sup>	708	638	-70	-9.9%
Certificate of Achievement <sup>3</sup>	762	711	-51	-6.7%
<b>TOTAL</b>	<b>3,712</b>	<b>3,705</b>	<b>-7</b>	<b>-0.2%</b>



**Note 1:** Data reflect duplicated recipient counts.

**Note 2:** Includes only certificate of achievement programs that require 30 or more units.

**Note 3:** Includes only certificate of achievement programs that require between 18 and 29 units.

## **B. AWARDS BY MAJOR - Districtwide**

(Note: Data in this section are Duplicated)

### **1. Associate Degree**

- The Transfer Studies major represented 23% of the total number of associate degrees awarded in 2002 followed by the Liberal Arts – Option I – CSU General Education major, which represented 15% of the associate degree awards. The percentage of associate degree awards in each of the remaining majors did not exceed 6% of the total.

**Table 2**  
**2002 Associate Degree Awards by Major\***

<b>Major</b>	<b>Frequency</b>	<b>Percent</b>
1. TRANSFER STUDIES CSU	537	22.8%
2. LIBERAL ARTS-OPTION I – CSU GENERAL EDUCATION	345	14.6%
3. TRANSFER STUDIES – T.A.G. – UC	128	5.4%
4. SELECTED STUDIES	107	4.5%
5. TRANSFER STUDIES – I.G.E.T.C. – UC	93	3.9%
6. BUSINESS ADMINISTRATION	90	3.8%
7. TRANSFER STUDIES OTHER	77	3.3%
8. CHILD DEVELOPMENT	64	2.7%
9. NURSING EDUCATION RN	51	2.2%
10. PSYCHOLOGY	45	1.9%
11. BIOLOGY – ALLIED HEALTH	37	1.6%
12. COMPUTER / INFORMATION SCIENCE	32	1.4%
13. FIRE PROTECTION TECHNOLOGY – FIRE TECHNOLOGY	28	1.2%
14. ANIMAL HEALTH TECHNOLOGY	22	0.9%
15. MATHEMATICS	21	0.9%
16. BUSINESS STUDIES SDSU BUSINESS ADMINISTRATION	21	0.9%
17. HEALTH INFORMATION TECHNOLOGY	20	0.8%
18. BEHAVIORAL SCIENCE-ALCOHOL & DRUG	19	0.8%
19. TRANSFER STUDIES – I.G.E.T.C. – CSU	19	0.8%
20. FIRE PROTECTION TECHNOLOGY – FIRE PROTECTION	19	0.8%
<b>Other Majors</b>	<b>581</b>	<b>24.7%</b>
<b>TOTAL</b>	<b>2,356</b>	<b>100.0%</b>

\* This table includes disaggregated data for the top 20 most popular majors districtwide only. A complete listing of associate degree awards by major is provided in Appendix A.



## ***B. AWARDS BY MAJOR - Districtwide (continued)***

*(Note: Data in this section are Duplicated)*

### **2. Certificate of Achievement (30+ units)**

- Of the total number of certificate of achievement (30+ units) awards given in 2002, 10% were in Business Administration, followed by 9% in Cosmetology, 7% in Behavioral Sciences - Alcohol and Drug, and 7% in Building Trades – Electrical Trade Option. The percentage of certificate of achievement (30+ units) awards in each of the remaining majors did not exceed 4% of the total.

**Table 3  
2002 Certificate of Achievement (30+ units) Awards by Major\***

Major	Frequency	Percent
1. BUSINESS ADMINISTRATION	65	10.2%
2. COSMETOLOGY	60	9.4%
3. BEHAVIORAL SCIENCES – ALCOHOL & DRUG	47	7.4%
4. BUILDING TRADES – ELECTRICAL TRADE OPTION	47	7.4%
5. COMPUTER / INFORMATION SCIENCE	25	3.9%
6. RADIOLOGIC TECHNOLOGY	24	3.8%
7. AIR CONDITIONING / REFRIGERATION	21	3.3%
8. ELECTRONIC MICROPROCESSOR / CONTR. DESIGN	21	3.3%
9. SDG&E APPRENTICE LINEMAN	21	3.3%
10. INTERIOR DESIGN	18	2.8%
11. AMERICAN SIGN LANGUAGE INTERPRETER	17	2.7%
12. ELECTRONICS TECHNICIAN – COMMUNICATION	17	2.7%
13. ADMINISTRATION OF JUSTICE – TECH. PROF. ADV. OFCR.	15	2.4%
14. PIPEFITTING APPRENTICE	13	2.0%
15. MEDICAL ASSISTING	12	1.9%
16. APPRENTICE PLUMBER	12	1.9%
17. AVIATION MAINTENANCE TECH. – AIRFRAME	12	1.9%
18. FIRE PROTECTION TECHNOLOGY – FIRE PROTECTION INTERMEDIATE	11	1.7%
19. FASHION – FASHION DESIGN	10	1.6%
20. HOTEL-MOTEL MANAGEMENT	10	1.6%
<b>Other Majors</b>	160	25.1%
<b>TOTAL</b>	<b>638</b>	<b>100.0%</b>

\* This table includes disaggregated data for the top 20 most popular majors districtwide only. A complete listing of certificate of achievement (30+ units) awards by major is provided in Appendix B.

**B. AWARDS BY MAJOR - Districtwide (continued)**

(Note: Data in this section are Duplicated)

**3. Certificate of Achievement (18-29 units)**

- Of the certificates of achievement (18-29 units) awarded in 2002, Child Development Teacher was the most popular major (13%), followed by Child Development Associate Teacher (12%) and Administration of Justice – Law Enforcement Technician (11%). The percentage of certificate of achievement (18-29 units) awards in each of the remaining majors did not exceed 5% of the total.

**Table 4  
2002 Certificate of Achievement (18-29 units) Awards by Major\***

Major	Frequency	Percent
1. CHILD DEVELOPMENT TEACHER	92	12.9%
2. CHILD DEVELOPMENT ASSOCIATE TEACHER	87	12.2%
3. ADMINISTRATION OF JUSTICE – LAW ENFORCEMENT TECHNICIAN	77	10.8%
4. BUSINESS ADMINISTRATION	31	4.4%
5. COMPUTER BUSINESS TECHNICIAN – ADMIN. ASSISTANT	30	4.2%
6. CERT. PHYS. ED. – FITNESS SPECIALIST	25	3.5%
7. ELECTRONICS TECHNOLOGY	21	3.0%
8. ELECTRICITY	20	2.8%
9. TRAVEL AIRLINE - TRAVEL AGENCY	20	2.8%
10. HEAT / AC / VENT & AC / DESIGN	19	2.7%
11. ACCOUNTING	18	2.5%
12. DENTAL ASSISTING	17	2.4%
13. BUILDING TRADES – PLUMBING TRADE OPTION	15	2.1%
14. COMPUTER BUSINESS TECH. MICROCOMPUTER APPLICATION	14	2.0%
15. INTERIOR DESIGN	13	1.8%
16. VISUAL & PERFORMING ARTS – PHOTOGRAPHY	11	1.5%
17. AUTO TECH – AUTO BRAKES & SUSPENSION	9	1.3%
18. WATER / WASTE WATER TECH. OPERATOR	9	1.3%
19. FIRE PROTECTION TECHNOLOGY – FIRE TECHNOLOGY	9	1.3%
20. DIESEL TECHNOLOGY – ENGINE OVERH 4 STROK	9	1.3%
<b>Other Majors</b>	<b>117</b>	<b>16.5%</b>
<b>TOTAL</b>	<b>711</b>	<b>100.0%</b>

\* This table includes disaggregated data for the top 20 most popular majors districtwide only. A complete listing of certificate of achievement (18-29 units) awards by major is provided in Appendix C.

## **C. AWARDS BY ETHNICITY – Districtwide**

*(Note: Data in this section are Duplicated)*

### **1. 2002 Degrees and Certificates Awarded by Ethnicity (Table 5)**

- Of all degrees and certificates awarded in 2002, the ethnic distribution of recipients included: 43% whites, 15% Latinos, 15% Asians, 10% African Americans, and 7% Filipinos. By comparison, the ethnic distribution of certificate of achievement (30+ units) recipients showed higher percentages of white and Latino award recipients (white, 47%; Latino, 17%). For certificate of achievement (18-29 units) awards, the percentage of Latino recipients was higher (18%), while the percentage of white recipients was lower (39%). There was no significant change in the ethnic group percentages for associate degree awards.

### **2. Comparisons of Ethnicities of 2002 Degree and Certificate Recipients and Fall 2001 Student Population (Chart 2, Chart 3, and Chart 4)**

- Of the number of associate degrees and certificates awarded in 2002, the proportions of Asian recipients were generally higher than the corresponding proportion of Asians in the fall 2001 district student population (associate degree, 16% of awards vs. 12% of population; certificate of achievement (30+ units), 15% of awards vs. 12% of population; certificate of achievement (18-29 units), 16% of awards vs. 12% of population).
- The proportion of certificate of achievement (18-29 units) awards that were received by whites was significantly lower than the corresponding proportion of whites in the fall 2001 district student population (39% of awards vs. 43% of population). By comparison, the proportions of associate degree and certificate of achievement (30+ units) awards received by whites were similar to the corresponding proportion of whites in the fall 2001 district student population.

### **3. Comparisons of Ethnicities of Degree and Certificate Recipients: 2001 Awards vs. 2002 Awards (Chart 5, Chart 6, and Chart 7)**

- In 2002, the percentages of associate degree and certificate of achievement (18-29 units) awards that were received by Asians increased notably from the previous year (associate degree, 16% of 2002 awards vs. 13% of 2001 awards; certificate of achievement (18-29 units), 16% of 2002 awards vs. 13% of 2001 awards). In contrast, the percentage of associate degree awards received by whites in 2002 decreased from the previous year (43% of 2002 awards vs. 46% of 2001 awards), as did the percentage of certificate of achievement (18-29 units) awards received by African Americans (12% of 2002 awards vs. 16% of 2001 awards).

Table 5

2002 Degree and Certificate Awards by Ethnicity - DISTRICTWIDE

ETHNICITY	ASSOCIATE DEGREES		CERTIFICATE OF ACHIEVE.(30+units)		CERTIFICATE OF ACHIEVE.(18-29 units)		TOTAL AWARDS	
	2002 AWARDS		2002 AWARDS		2002 AWARDS		2002 AWARDS	
	N	%	N	%	N	%	N	%
American Indian	21	0.9%	8	1.3%	10	1.4%	39	1.1%
Asian	365	15.5%	96	15.0%	110	15.5%	571	15.4%
African American	239	10.1%	62	9.7%	85	12.0%	386	10.4%
Filipino	173	7.3%	30	4.7%	54	7.6%	257	6.9%
Latino	333	14.1%	108	16.9%	130	18.3%	571	15.4%
White	1,023	43.4%	301	47.2%	275	38.7%	1,599	43.2%
Other	94	4.0%	9	1.4%	27	3.8%	130	3.5%
Unknown	108	4.6%	24	3.8%	20	2.8%	152	4.1%
TOTAL	2,356	100.0%	638	100.0%	711	100.0%	3,705	100.0%

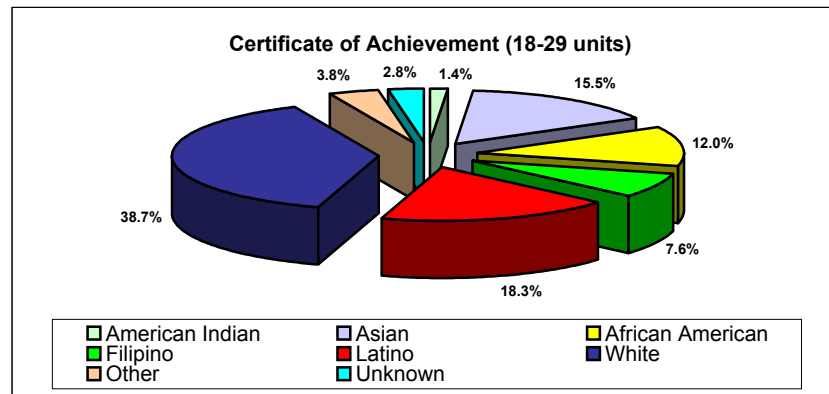
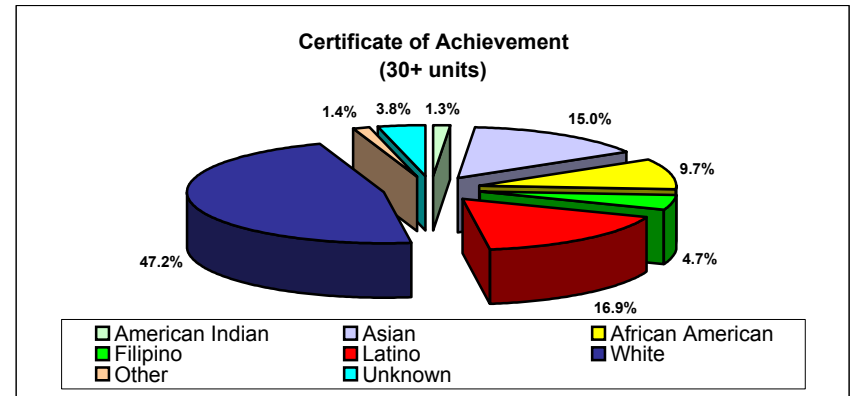
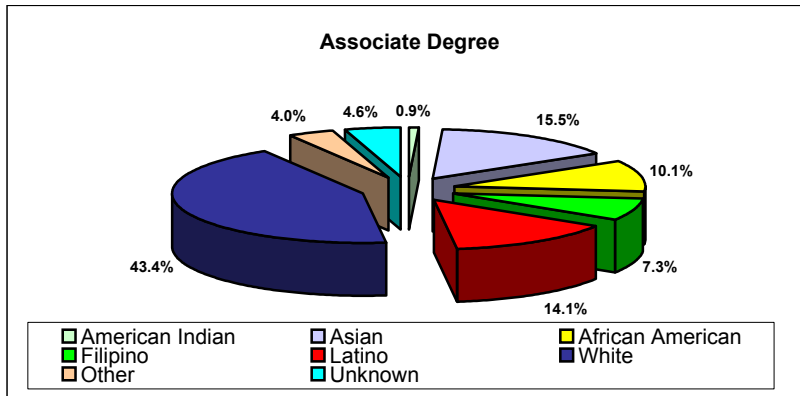


Chart 2

**DISTRICTWIDE**  
**Comparisons of Ethnicities of 2002 Associate Degree Recipients and**  
**Fall 2001 Student Population**

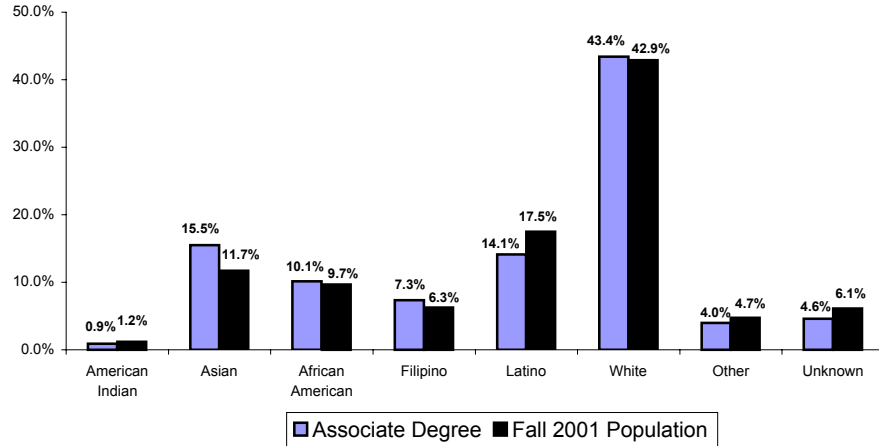


Chart 3

**DISTRICTWIDE**  
**Comparisons of Ethnicities of 2002 Certificate of**  
**Achievement (30+ units) Recipients and Fall 2001 Student Population**

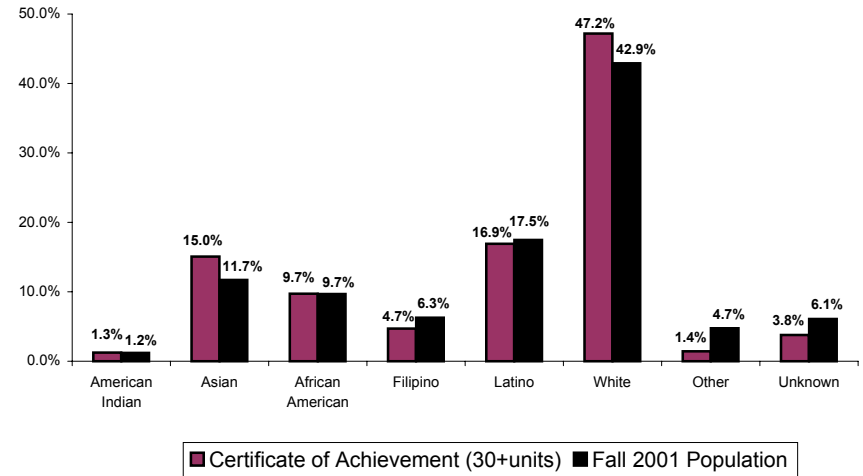
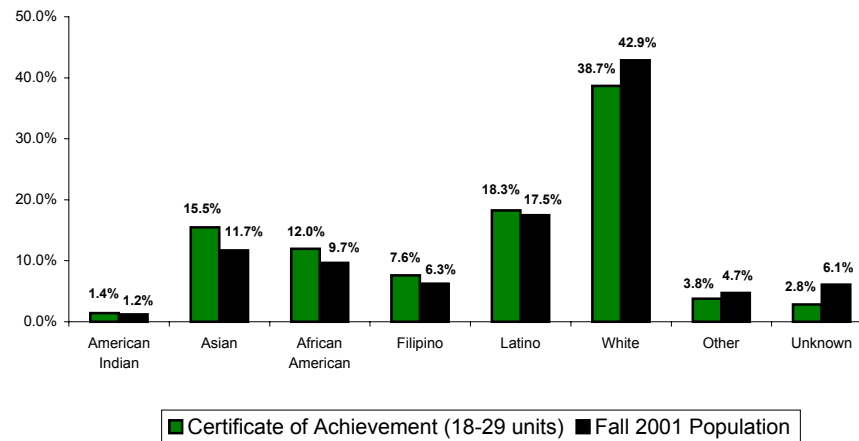


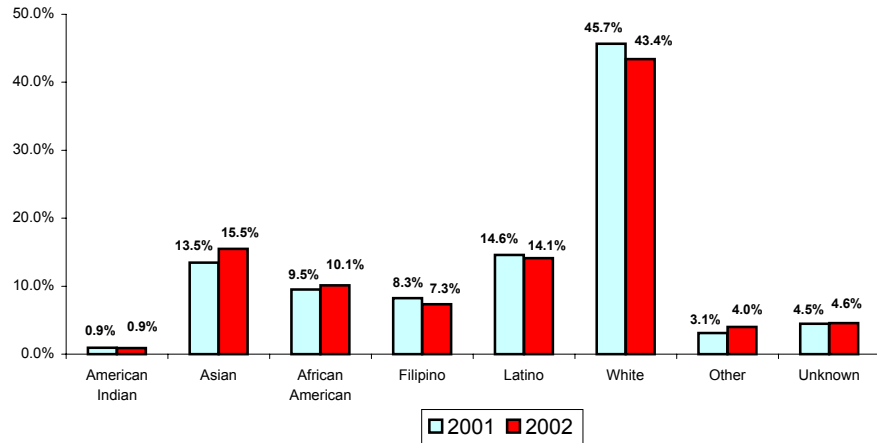
Chart 4

**DISTRICTWIDE**  
**Comparisons of Ethnicities of 2002 Certificate of Achievement (18-29**  
**units) Recipients and Fall 2001 Student Population**



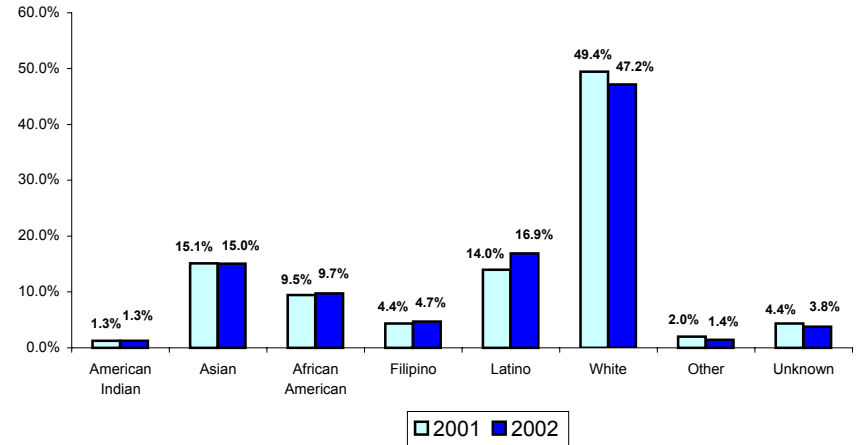
**Chart 5**

**DISTRICTWIDE**  
**Comparisons of Ethnicities of Associate Degree Recipients: 2001**  
**Awards vs. 2002 Awards**



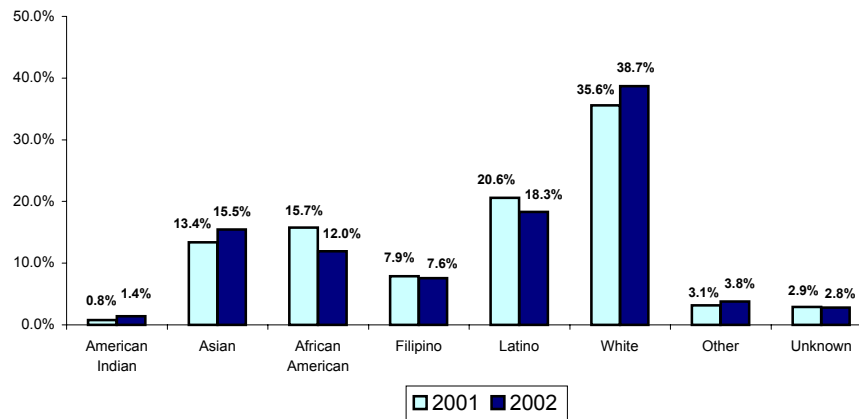
**Chart 6**

**DISTRICTWIDE**  
**Comparisons of Ethnicities of Certificate of Achievement (30+ units)**  
**Recipients:**  
**2001 Awards vs. 2002 Awards**



**Chart 7**

**DISTRICTWIDE**  
**Comparisons of Ethnicities of Certificate of Achievement (18-29 units)**  
**Recipients:**  
**2001 Awards vs. 2002 Awards**



## **Part 2: Profile of Recipients**

### **A. RECIPIENT DEMOGRAPHICS - Districtwide**

*(Note: Data in this section are Unduplicated)*

#### ***1. 2002 Degree and Certificate Award Recipients by Ethnicity (Table 6)***

- Of all award recipients in 2002, 44% were white, 16% were Latino, 15% were Asian, 10% were African American, and 7% were Filipino.

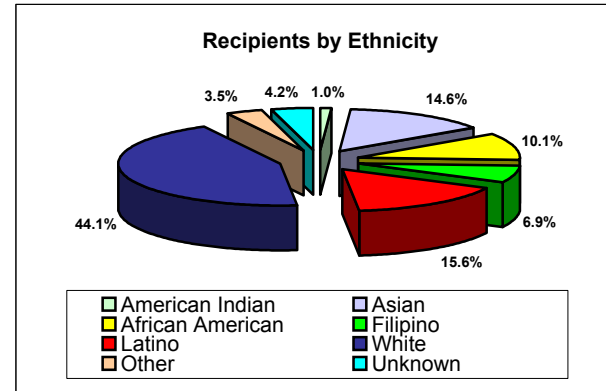
#### ***2. 2002 Degree and Certificate Award Recipients by Gender (Table 7)***

- In 2002, females constituted a majority of the 3,004 award recipients (54%).

**Table 6**

**2002 Degree and Certificate Award Recipients by Ethnicity - DISTRICTWIDE**

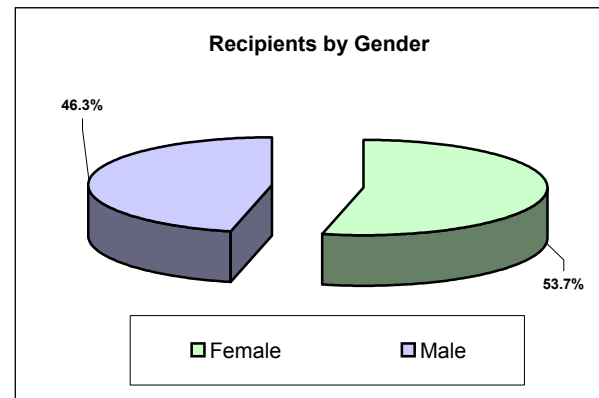
ETHNICITY	N	%
American Indian	30	1.0%
Asian	440	14.6%
African American	302	10.1%
Filipino	207	6.9%
Latino	469	15.6%
White	1,325	44.1%
Other	105	3.5%
Unknown	126	4.2%
<b>TOTAL</b>	<b>3,004</b>	<b>100.0%</b>



**Table 7**

**2002 Degree and Certificate Award Recipients by Gender - DISTRICTWIDE**

GENDER	N	%
Female	1,614	53.7%
Male	1,390	46.3%
<b>TOTAL</b>	<b>3,004</b>	<b>100.0%</b>





## **B. SINGLE AND MULTIPLE AWARD RECIPIENTS - Districtwide**

*(Note: Data in this section are Unduplicated)*

### **1. 2002 Single and Multiple Award Recipients by Number of Awards Received (Table 8)**

- In 2002, 82% of the award recipients received one award, 15% received two awards, 2% received three awards, and the remaining 1% received four or more awards.

### **2. 2002 Single and Multiple Award Recipients by Award Type (Table 9)**

- Of the recipients who received one award in 2002, 72% of them received an associate degree, while 14% received a certificate of achievement (30+ units) and another 14% received a certificate of achievement (18-29 units).
- Of the 442 students who received two awards in 2002, 40% received an associate degree and a certificate of achievement (30+ units), while 31% received an associate degree and a certificate of achievement (18-29 units).
- About 36% of the recipients with three awards received a combination of associate degrees and certificates of achievement (18-29 units).

**Table 8**

**2002 Single and Multiple Award Recipients by Number of Awards Received - DISTRICTWIDE**

Number of Awards Received in 2002	N	%
One Award	2,455	81.7%
Two Awards	442	14.7%
Three Awards	76	2.5%
Four Awards	21	0.7%
Five Awards	7	0.2%
Six Awards	2	0.1%
Seven Awards	1	0.0%
Total	3,004	100.0%

**Table 9**

**2002 Single and Multiple Award Recipients by Award Type - DISTRICTWIDE**

Number of Awards Received in 2002	Associate Degrees Only		Certificates of Achievement (30+ units) Only		Certificates of Achievement (18-29 units) Only		Combination of Assoc. Deg. & C.of A.(30+units)		Combination of Assoc. Deg. & C.of A.(18-29units)		Combination of C.of A.(30+units) & C.of A.(18-29units)		Combination Assoc. Deg., C.of A.(30+ units), & C.of A.(18-29units)		TOTAL N
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	
One Award	1,766	71.9%	357	14.5%	332	13.5%									2,455
Two Awards	70	15.8%	5	1.1%	37	8.4%	175	39.6%	136	30.8%	19	4.3%			442
Three Awards	5	6.6%	0	0.0%	2	2.6%	22	28.9%	27	35.5%	7	9.2%	13	17.1%	76
Four Awards	0	0.0%	0	0.0%	7	33.3%	2	9.5%	5	23.8%	1	4.8%	6	28.6%	21
Five Awards	0	0.0%	0	0.0%	0	0.0%	2	28.6%	3	42.9%	1	14.3%	1	14.3%	7
Six Awards	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	2	100.0%	0	0.0%	2
Seven Awards	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	1	100.0%	0	0.0%	1
Total	1,841	61.3%	362	12.1%	378	12.6%	201	6.7%	171	5.7%	31	1.0%	20	0.7%	3,004

### **C. PREVIOUS AWARD STATUS<sup>4</sup> - Districtwide**

*(Note: Data in this section are Unduplicated)*

#### **1. 2002 Award Recipients: Previous Awards vs. No Previous Awards by Ethnicity (Table 10 and Chart 8)**

- Asian and African American recipients represented a higher percentage of recipients with previous awards than their corresponding percentage among all 2002 award recipients (Asian, 21% of previous award recipients vs. 15% of all award recipients; African American, 16% of previous award recipients vs. 10% of all award recipients).

#### **2. 2002 Award Recipients: Previous Awards vs. No Previous Awards by Gender (Table 11 and Chart 9)**

- Females represented 61% of the 2002 award recipients with previous awards, but represented only 54% of all 2002 award recipients.

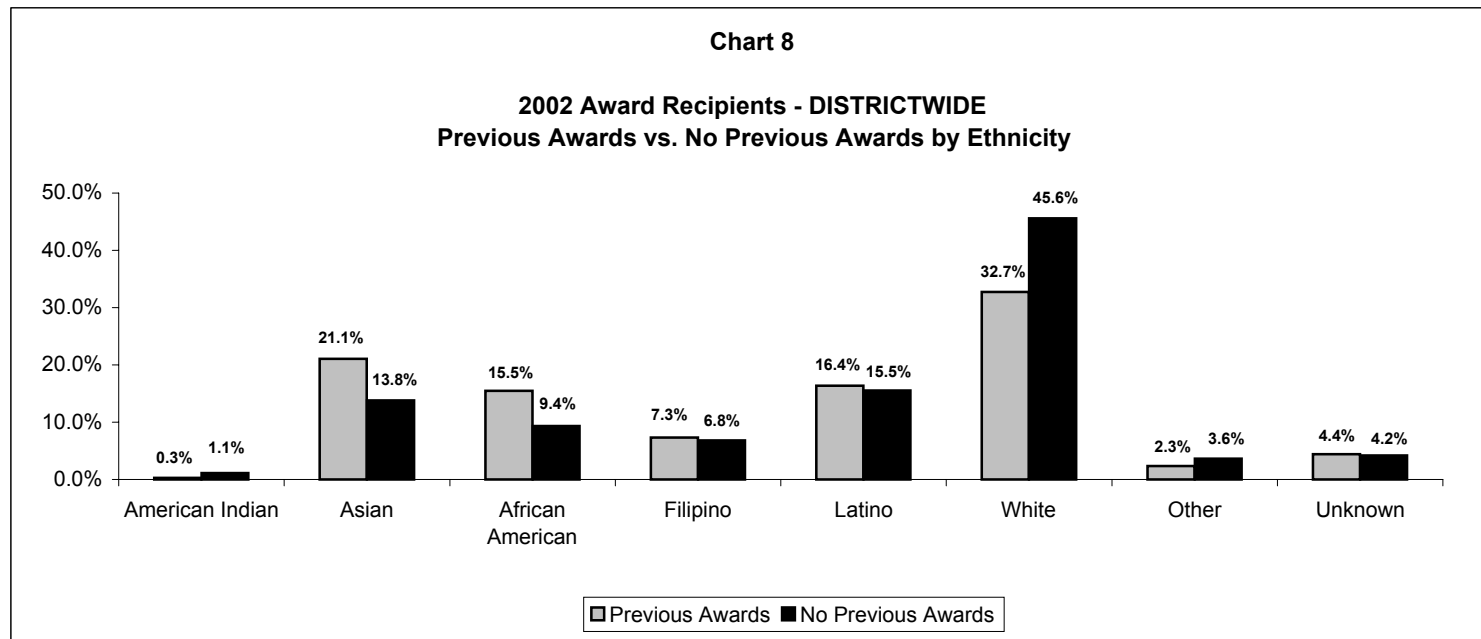
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<sup>4</sup> Recipients with previous awards include those with additional degrees and certificates received prior to 2002 (1950 to 2001).

**Table 10**

**2002 Award Recipients - DISTRICTWIDE  
Previous Awards<sup>1</sup> vs. No Previous Awards by Ethnicity**

	Previous Awards		No Previous Awards		TOTAL	
	N	%	N	%	N	%
American Indian	1	0.3%	29	1.1%	30	1.0%
Asian	72	21.1%	368	13.8%	440	14.6%
African American	53	15.5%	249	9.4%	302	10.1%
Filipino	25	7.3%	182	6.8%	207	6.9%
Latino	56	16.4%	413	15.5%	469	15.6%
White	112	32.7%	1,213	45.6%	1,325	44.1%
Other	8	2.3%	97	3.6%	105	3.5%
Unknown	15	4.4%	111	4.2%	126	4.2%
<b>TOTAL</b>	<b>342</b>	<b>100.0%</b>	<b>2662</b>	<b>100.0%</b>	<b>3,004</b>	<b>100.0%</b>

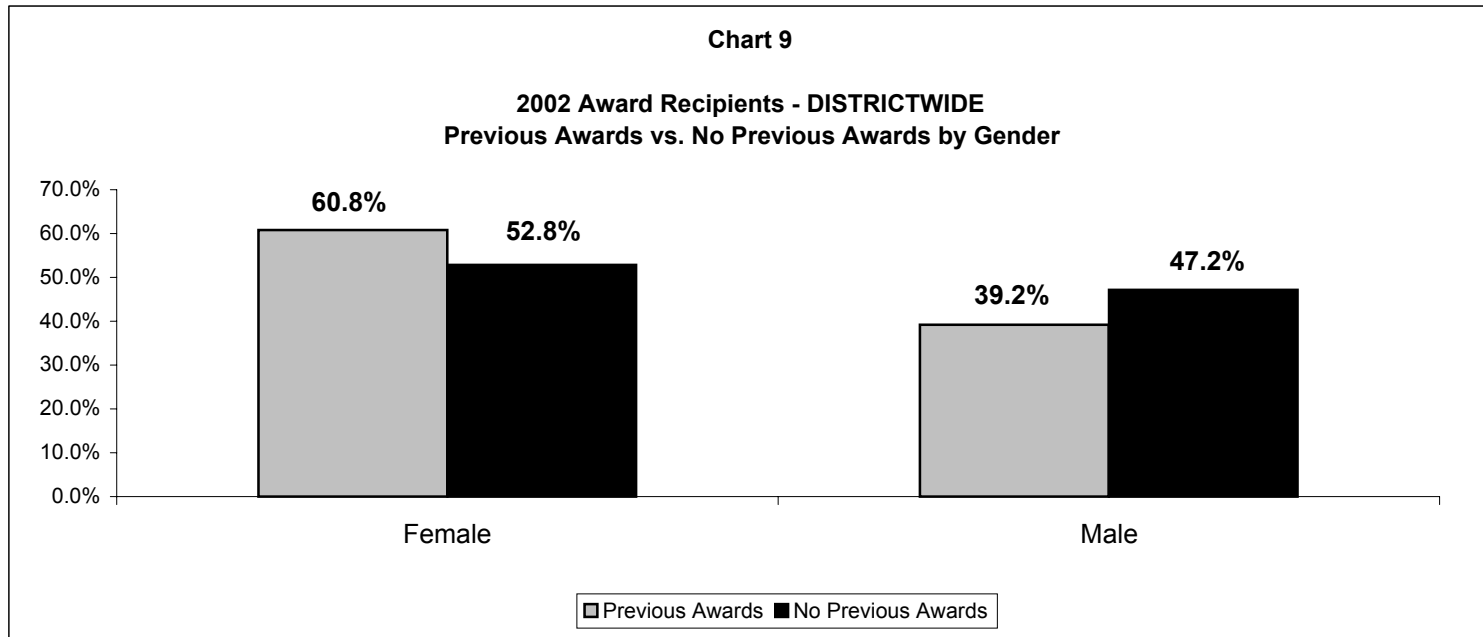


**Note 1:** Award recipients with additional degrees and certificates received prior to 2002 (1950 to 2001).

**Table 11**

**2002 Award Recipients - DISTRICTWIDE  
Previous Awards<sup>1</sup> vs. No Previous Awards by Gender**

	Previous Awards		No Previous Awards		TOTAL	
	N	%	N	%	N	%
Female	208	60.8%	1406	52.8%	1,614	53.7%
Male	134	39.2%	1,256	47.2%	1,390	46.3%
<b>TOTAL</b>	<b>342</b>	<b>100.0%</b>	<b>2662</b>	<b>100.0%</b>	<b>3,004</b>	<b>100.0%</b>



**Note 1:** Award recipients with additional degrees and certificates received prior to 2002 (1950 to 2001).

## **D. AVERAGE NUMBER OF COMPLETED UNITS AND SEMESTERS<sup>5</sup> - Districtwide**

*(Note: Data in this section are Unduplicated)*

### **1. 2002 Award Recipients: Average Number of Units Completed by Ethnic Group (Table 12)**

- Of the 2,194 single award recipients<sup>5</sup> in 2002, 1,562 were associate degree recipients, 332 were certificates of achievement (30+ units) and 300 were certificate of achievement (18-29 units) recipients.
- Associate degree recipients completed an average of 66 units, slightly higher than the 60 unit requirement for associate degrees. As expected, the average was lower for certificate of achievement recipients (52 units) given that only 30 units are required for certificates of achievement . Although certificates of achievement (18-29 units) require no more than 18 units, first-time recipients of this type of award completed an average of 43 units.
- Comparisons by ethnic group showed Asian recipients with the highest average number of completed units across all three award types (associate degree recipients, 76 units; certificate of achievement (30+ units) recipients, 64 units; certificate of achievement (18-29 units) recipients, 48 units.) By comparison, white recipients had the lowest average number of completed units (associate degree recipients, 61 units; certificate of achievement (30+ units) recipients, 51 units; certificate of achievement (18-29 units) recipients, 42 units. Course enrollment analysis of the Asian recipients showed ESL and basic skills courses as contributing factors to the higher number of completed units<sup>6</sup>.

### **2. 2002 Award Recipients: Average Number of Semesters Completed by Ethnic Group (Table 13)**

- Of the single award recipients<sup>5</sup> in 2002, associate degree recipients completed an average of 9 semesters, while certificate of achievement (30+ units) recipients completed an average of 8 semesters and certificate of achievement (18-29 units) recipients completed an average of 7 semesters.
- Analysis by ethnic group showed African American associate degree recipients with the highest average number of completed semesters (10 semesters). However, of the certificate of achievement (30+ units) recipients, Filipinos had the highest average number of completed semesters (9 semesters.)

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<sup>5</sup> Only those who received a single SDCCD award in 2002 (degree or certificate) and have no previous SDCCD awards (from 1950 to 2001) were included in the analysis.

<sup>6</sup> Course histories of a randomly selected sample (50%) of the Asian recipients were examined. Almost half of the students (48%) had enrolled in ESL or basic skills courses.

**Table 12**  
**2002 Award Recipients - DISTRICTWIDE**  
**Average Number of Units Completed by Ethnic Group<sup>1</sup>**

ETHNICITY	ASSOCIATE DEGREES		CERTIFICATE OF ACHIEVEMENT <sup>2</sup>		CERTIFICATE OF ACHIEVEMENT <sup>3</sup>	
	2002 Recipients		2002 Recipients		2002 Recipients	
	Average # of Units	N	Average # of Units	N	Average # of Units	N
American Indian	59.4	12	51.2	5	50.3	3
Asian	76.5	202	64.0	37	47.9	42
African American	69.2	133	49.4	33	41.2	29
Filipino	70.7	124	53.2	13	38.9	19
Latino	71.1	218	49.2	69	46.8	58
White	60.9	734	50.7	158	41.9	134
Other	65.2	68	50.2	7	52.2	5
Unknown	61.7	71	59.2	10	39.1	10
<b>TOTAL</b>	<b>66.0</b>	<b>1,562</b>	<b>52.1</b>	<b>332</b>	<b>43.6</b>	<b>300</b>

**Note 1:** Only those who received a single SDCCD award in 2002 (degree or certificate) and have no previous SDCCD awards (from 1950 to 2001) were included in the analysis.

**Note 2:** Includes only certificate of achievement programs that require 30 or more units.

**Note 3:** Includes only certificate of achievement programs that require between 18 and 29 units.

**Table 13**  
**2002 Award Recipients - DISTRICTWIDE**  
**Average Number of Semesters Completed by Ethnic Group<sup>1</sup>**

ETHNICITY	ASSOCIATE DEGREES		CERTIFICATE OF ACHIEVEMENT <sup>2</sup>		CERTIFICATE OF ACHIEVEMENT <sup>3</sup>	
	2002 Recipients		2002 Recipients		2002 Recipients	
	Average # of Semesters	N	Average # of Semesters	N	Average # of Semesters	N
American Indian	7.9	12	8.2	5	7.7	3
Asian	9.3	202	8.6	37	6.9	42
African American	10.2	133	6.6	33	6.5	29
Filipino	9.8	124	9.3	13	5.8	19
Latino	9.2	218	7.4	69	7.1	58
White	7.8	734	8.2	158	6.7	134
Other	8.3	68	6.1	7	7.2	5
Unknown	7.4	71	8.9	10	8.0	10
<b>TOTAL</b>	<b>8.6</b>	<b>1,562</b>	<b>7.9</b>	<b>332</b>	<b>6.8</b>	<b>300</b>

**Note 1:** Only those who received a single SDCCD award in 2002 (degree or certificate) and have no previous SDCCD awards (from 1950 to 2001) were included in the analysis.

**Note 2:** Includes only certificate of achievement programs that require 30 or more units.

**Note 3:** Includes only certificate of achievement programs that require between 18 and 29 units.



## **Section II**

# **City College Summary**

# Part 1: Awards

## **A. TOTAL AWARDS – City College**

*(Note: Data in this section are Duplicated)*

### **1. Total Number of Degrees and Certificates Awarded – 2001 vs. 2002 (Table 14)**

- The total number of degrees and certificates awarded by City College in 2002 was 1,233, 120 fewer awards than the previous year (1,353 awards in 2001).
- In comparison to 2001, there were decreases in all award categories in 2002. The number of certificates of achievement (18-29 units) and associate in art degrees awarded decreased by 17% and 11% respectively. The number of associate in science degrees and certificates of achievement (30+ units) both decreased by 4%.

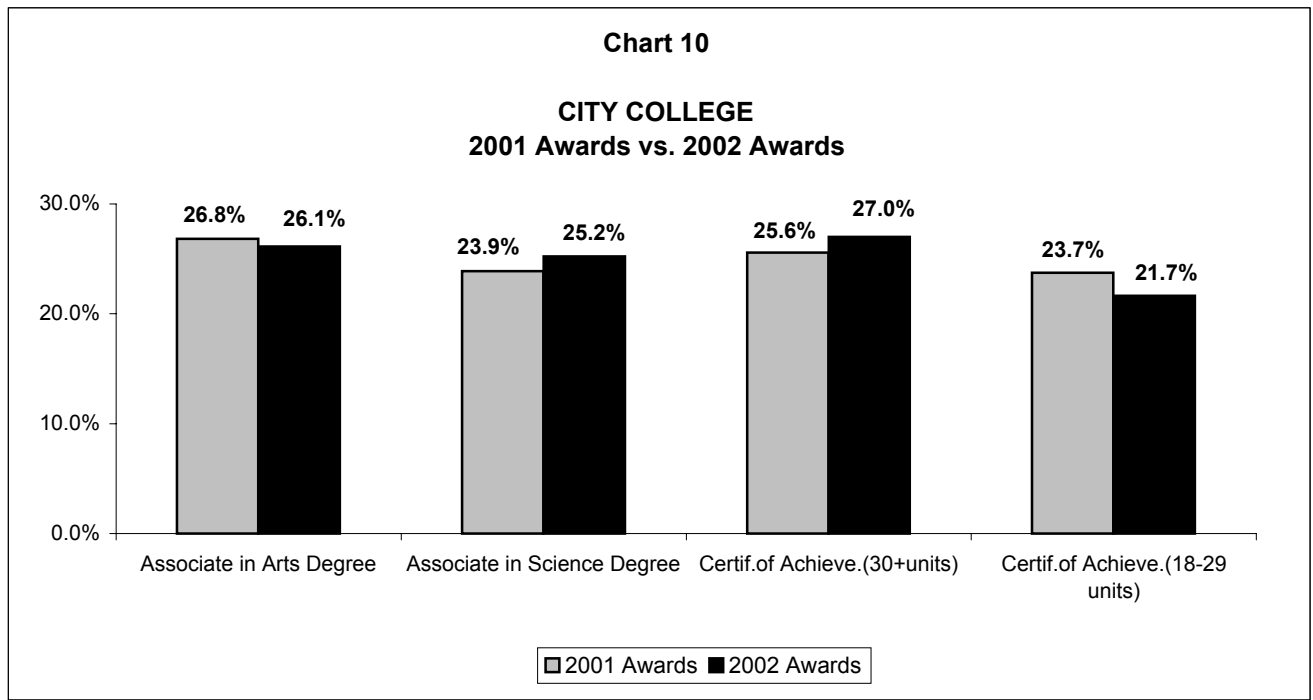
### **2. Total Number of Degrees and Certificates Awarded in 2002 (Chart 10)**

- Twenty-six percent (26%) of all degrees and certificates awarded by City College in 2002 were associate in arts degrees, 25% were associate in science degrees, 27% were certificates of achievement (30+ units), and 22% were certificates of achievement (18-29 units).

Table 14

Total Number of Degrees and Certificates Awarded<sup>1</sup> - CITY COLLEGE  
2001 Awards vs. 2002 Awards

	2001	2002	Change	% Change
<b>City College</b>				
Associate in Arts Degree	363	322	-41	-11.3%
Associate in Science Degree	323	311	-12	-3.7%
Certificate of Achievement <sup>2</sup>	346	333	-13	-3.8%
Certificate of Achievement <sup>3</sup>	321	267	-54	-16.8%
TOTAL	1,353	1,233	-120	-8.9%



**Note 1:** Data reflect duplicated recipient counts.

**Note 2:** Includes only certificate of achievement programs that require 30 or more units.

**Note 3:** Includes only certificate of achievement programs that require between 18 and 29 units.

## **B. AWARDS BY MAJOR – City College**

(Note: Data in this section are Duplicated)

### **1. Associate Degree**

- Of the associate degrees awarded in 2002, 22% were Liberal Arts – Option I majors, 8% were Nursing Education RN majors, 8% were Transfer Studies – CSU majors, and 6% were Child Development majors. The percentage of associate degree awards in each of the remaining majors did not exceed 6% of the total.

**Table 15**  
**2002 Associate Degree Awards by Major\***

<b>Major</b>	<b>Frequency</b>	<b>Percent</b>
1. LIBERAL ARTS-OPTION I	139	22.0%
2. NURSING EDUCATION RN	51	8.1%
3. TRANSFER STUDIES CSU	48	7.6%
4. CHILD DEVELOPMENT	40	6.3%
5. BUSINESS STUDIES-SDSU BUSINESS ADMINISTRATION	21	3.3%
6. BEHAVIORAL SCIENCE-ALCOHOL & DRUG	19	3.0%
7. BEHAVIORAL SCIENCE-PSYCHOLOGY	18	2.8%
8. BEHAVIORAL SCIENCE-SOCIOLOGY	18	2.8%
9. ELECTRONIC MICROPROCESS/CONTR DESIGN	17	2.7%
10. AIR CONDITIONING/REFIGERATION	12	1.9%
11. BIOLOGY – ALLIED HEALTH	12	1.9%
12. BEHAVIORAL SCIENCE-SOCIAL WORK	11	1.7%
13. VISUAL & PERFORMING ART-ART GRAPHIC DESIGN	10	1.6%
14. BUSINESS STUDIES-SMALL BUSINESS ACCOUNTING	10	1.6%
15. COMPUTER & INFORMATION SYSTEMS-INFO DECISION SYSTEMS	10	1.6%
16. SELECTED STUDIES	9	1.4%
17. MATHEMATICS	8	1.3%
18. COSMETOLOGY	8	1.3%
19. ELECTRONICS TECHNOLOGY-COMMUNICATION	8	1.3%
20. COMPUTER BUSINESS TECH-ADMIN ASSISTANT	8	1.3%
<b>Other Majors</b>	<b>581</b>	<b>24.6%</b>
<b>TOTAL</b>	<b>633</b>	<b>100.0%</b>

\* This table includes disaggregated data for the top 20 most popular majors at City College only. A complete listing of associate degree awards by major is provided in Appendix D.

**B. AWARDS BY MAJOR – City College (continued)**

(Note: Data in this section are Duplicated)

**2. Certificate of Achievement (30+ units)**

- Of the total number certificate of achievement (30+ units) awards given in 2002, 18% were in Cosmetology, followed by 14% in Behavioral Sciences – Alcohol & Drug, and 14% in Building Trades – Electrical Trades. The percentage of certificate of achievement (30+ units) awards in each of the remaining majors did not exceed 7% of the total.

**Table 16  
2002 Certificate of Achievement (30+ units) Awards by Major\***

Major	Frequency	Percent
1. COSMETOLOGY	60	18.0%
2. BEHAVIORAL SCIENCE-ALCOHOL & DRUG	47	14.1%
3. BUILDING TRADES-ELECTRICAL TRADE OPTION	47	14.1%
4. AIR CONDITIONING/REFIGERATION	21	6.3%
5. ELECTRONIC MICROPROCESS/CONTR DESIGN	21	6.3%
6. SDG&E APPRENTICE LINEMAN	21	6.3%
7. ELECTRONICS TECH-COMMUNICATION	17	5.1%
8. PIPEFITTING APPRENTICE	13	3.9%
9. APPRENTICE PLUMBER	12	3.6%
10. BUILDING TRADES-SHEET METAL TRADE OPTION	10	3.0%
11. LIGHT RAIL VEHICLE LINEMAN	9	2.7%
12. SDG&E APP-ELEC REP SHOP MECH	9	2.7%
13. MACHINE TECHNOLOGY-CAM	7	2.1%
14. MANUAL TECH-AUTOMATIC EQUIP TECH	4	1.2%
15. AIR COND/REFIG/HOSP/GEN MAINT TECH	3	0.9%
16. BUSINESS STUDIES-LEGAL ASSISTANT	3	0.9%
17. CHILD DEVELOPMENT MASTER TEACHER	3	0.9%
18. BUILDING TRADES-PIPEFITTING TRADE OPTION	3	0.9%
19. ELECTRICITY-ELEC LINEMAN	2	0.6%
20. BUSINESS STUDIES-SMALL BUS MANAGEMENT	2	0.6%
<b>Other Majors</b>	19	5.7%
<b>TOTAL</b>	<b>333</b>	<b>100.0%</b>

\* This table includes disaggregated data for the top 20 most popular majors at City College only. A complete listing of certificate of achievement (30+ units) awards by major is provided in Appendix E.

**B. AWARDS BY MAJOR – City College (continued)**

(Note: Data in this section are Duplicated)

**3. Certificate of Achievement (18-29 units)**

- Of 2002 certificate of achievement (18-29 units) recipients, Child Development Teacher was the most frequent major (25%), followed by Child Development Associate Teacher (18%), Electronics Technology (8%), Electricity (8%) and Heat-AC-Vent Design (7%). The percentage of certificate of achievement (18-29 units) awards in each of the remaining majors did not exceed 6% of the total.

**Table 17  
2002 Certificate of Achievement (18-29 units) Awards by Major\***

Major	Frequency	Percent
1. CHILD DEVELOPMENT TEACHER	66	24.7%
2. CHILD DEVELOPMENT ASSOC TEACHER	47	17.6%
3. ELECTRONICS TECHNOLOGY	21	7.9%
4. ELECTRICITY	20	7.5%
5. HEAT/AC/VENT & AC/DESIGN	19	7.1%
6. COMPUTER BUSINESS TECH-ADMIN ASSISTANT	15	5.6%
7. BUILDING TRADES-PLUMBING TRADE OPTION	15	5.6%
8. VISUAL & PERFORM ART-PHOTOGRAPHY	11	4.1%
9. CERT PHYS ED-FITNESS SPECIALIST	9	3.4%
10. VISUAL & PERFORM ART-ART GRAPHIC DESIGN	8	3.0%
11. COMPUTER & INFO SYS-MICROCOMPUTER	7	2.6%
12. CHILD DEVELOPMENT	5	1.9%
13. ELECTRICITY-ELECT LINEMAN	5	1.9%
14. MACHINE TECHNOLOGY-CNC	4	1.5%
15. OFFICE INFO SYS-MICROCOMPUTER APPLICATION	3	1.1%
16. BUSINESS STUDIES-LABOR STUDIES	3	1.1%
17. COMPUTER BUSINESS TECH-MICROCOMPUTER APPLICATION	3	1.1%
18. ENGINEERING DRAFTING	2	0.7%
19. ELECTRICAL CONTROL SYSTEMS	1	0.4%
20. BUSINESS STUDIES-LEGAL ASSISTANT	1	0.4%
<b>Other Majors</b>	<b>2</b>	<b>0.7%</b>
<b>TOTAL</b>	<b>267</b>	<b>100.0%</b>

\* This table includes disaggregated data for the top 20 most popular majors at City College only. A complete listing of certificate of achievement (18-29 units) awards by major is provided in Appendix F.

## **C. AWARDS BY ETHNICITY – City College**

*(Note: Data in this section are Duplicated)*

### **1. 2002 Degrees and Certificates Awarded by Ethnicity (Table 18)**

- Of the 1,233 degrees and certificates awarded by City College in 2002, 32% of the recipients were white, 21% were Latino, 20% were African American, 13% were Asian, and 4% were Filipino. By comparison, the ethnic distribution of associate degree recipients indicated a higher percentage of African American recipients (24%), while the percentage of white recipients was lower (27%). However, for certificate of achievement (30+ units) recipients, the percentage of African American recipients was significantly lower (12%), while the percentage of white recipients was notably higher (44%). There was no significant change in the ethnic group percentages for certificate of achievement (18-29 units) recipients.

### **2. Comparisons of Ethnicities of 2002 Degree and Certificate Recipients and Fall 2001 Student Population (Chart 11, Chart 12, and Chart 13)**

- The proportions of Asian recipients in 2002 across all three award types were notably higher than the corresponding proportion of Asians in the fall 2001 City College student population (associate degree, 12% of award recipients vs. 7% of population; certificate of achievement (30+ units), 14% of award recipients vs. 7% of population; certificate of achievement (18-29 units), 14% of award recipients vs. 7% of population).
- For African American recipients in 2002, the proportions of associate degree recipients and certificate of achievement (18-29 units) recipients were higher than the proportion of African Americans in the fall 2001 City College student population (associate degree, 24% of award recipients vs. 18% of population; certificate of achievement (18-29 units), 22% of award recipients vs. 18% of population). However, the proportion of African American certificate of achievement (30+ units) recipients in 2002 was lower than the corresponding proportion of African Americans in the 2001 City College student population (12% of award recipients vs. 18% of population).
- In 2002, the proportions of Latino recipients across all three-award types were lower than the corresponding proportion of Latinos in the 2001 City College student population (associate degree, 22% of award recipients vs. 26% of population; certificate of achievement (30+ units), 20% of award recipients vs. 26% of population; certificate of achievement (18-29 units), 22% of award recipients vs. 26% of population).

### **C. AWARDS BY ETHNICITY – City College (continued)**

*(Note: Data in this section are Duplicated)*

- Compared to the proportion of whites in the 2001 City College student population, the proportions of white associate degree and certificate of achievement (18-29 units) recipients in 2002 were lower (associate degree, 27% of award recipients vs. 32% of population; certificate of achievement (18-29 units), 27% of award recipients vs. 32% of population). In contrast, the proportion of white certificate of achievement (30+ units) recipients in 2002 was higher than the corresponding proportion of whites in the fall 2001 City College student population (44% of award recipients vs. 32% of population).

#### **3. Comparisons of Ethnicities of Degree and Certificate Recipients: 2001 Awards vs. 2002 Awards (Chart 14, Chart 15, and Chart 16)**

- The percentage of African American associate degree recipients in 2002 increased from the previous year (24% of 2002 award recipients vs. 21% of 2001 award recipients). In contrast, the percentage of African American certificate of achievement (18-29 units) recipients in 2002 had decreased from the previous year (22% of 2002 award recipients vs. 28% of 2001 award recipients).
- For Latino recipients in 2002, the percentage of certificate of achievement (18-29 units) recipients was lower than the previous year (22% of 2002 award recipients vs. 32% of 2001 award recipients).
- The percentage of white associate degree recipients in 2002 was lower than the previous year (27% of 2002 award recipients vs. 31% of 2001 award recipients). However, for certificate of achievement (18-29 units) recipients, the percentage of white recipients was higher than the previous year (27% of 2002 award recipients vs. 21% of 2001 award recipients).



Table 18

2002 Degree and Certificate Recipients by Ethnicity - CITY COLLEGE

ETHNICITY	ASSOCIATE DEGREES		CERTIFICATE OF ACHIEVE.(30+units)		CERTIFICATE OF ACHIEVE.(18-29 units)		TOTAL AWARDS	
	2002 AWARDS		2002 AWARDS		2002 AWARDS		2002 AWARDS	
	N	%	N	%	N	%	N	%
American Indian	6	0.9%	4	1.2%	4	1.5%	14	1.1%
Asian	78	12.3%	45	13.5%	36	13.5%	159	12.9%
African American	151	23.9%	39	11.7%	58	21.7%	248	20.1%
Filipino	32	5.1%	13	3.9%	11	4.1%	56	4.5%
Latino	136	21.5%	66	19.8%	60	22.5%	262	21.2%
White	172	27.2%	146	43.8%	73	27.3%	391	31.7%
Other	21	3.3%	6	1.8%	14	5.2%	41	3.3%
Unknown	37	5.8%	14	4.2%	11	4.1%	62	5.0%
TOTAL	633	100.0%	333	100.0%	267	100.0%	1,233	100.0%

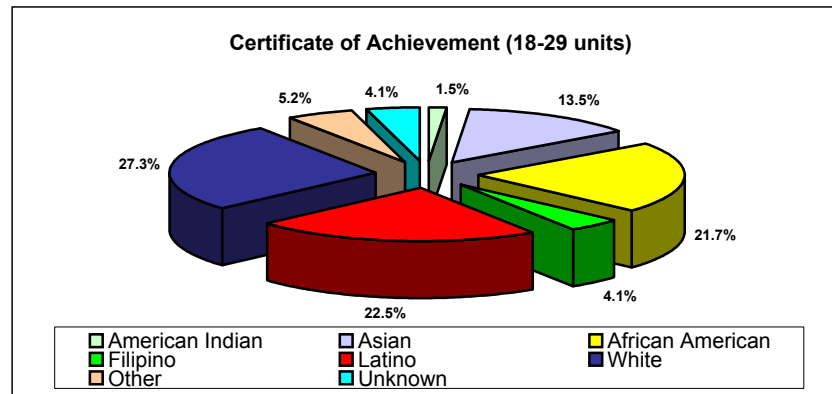
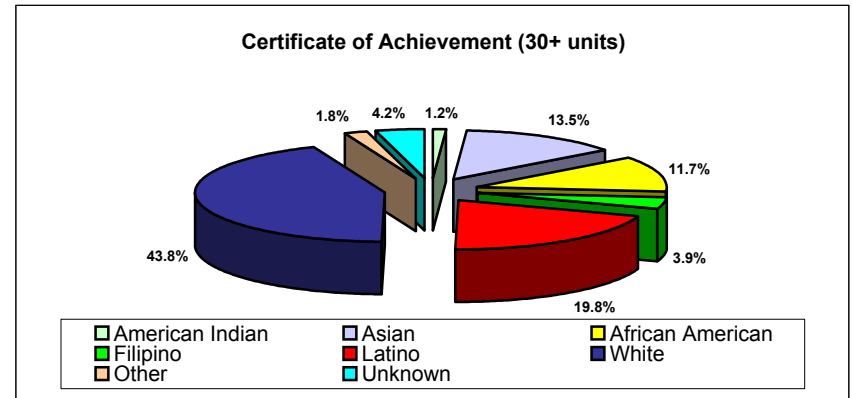
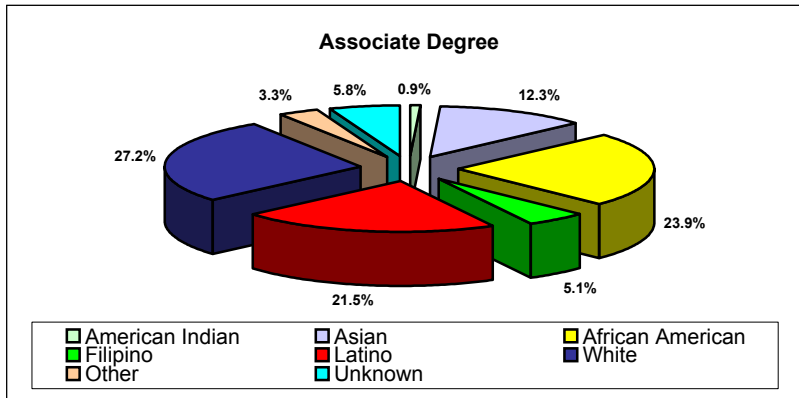


Chart 11

**CITY COLLEGE**  
**Comparisons of Ethnicities of 2002 Associate Degree Recipients and**  
**Fall 2001 Student Population**

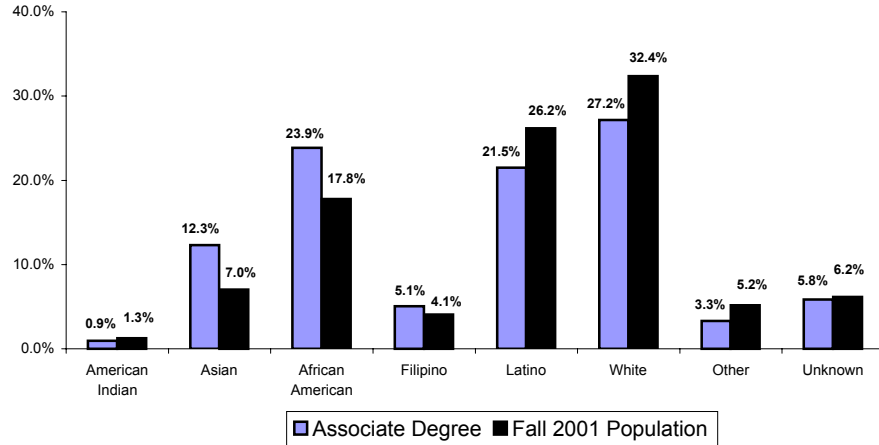


Chart 12

**CITY COLLEGE**  
**Comparisons of Ethnicities of 2002 Certificate of Achievement (30+**  
**units) Recipients and Fall 2001 Student Population**

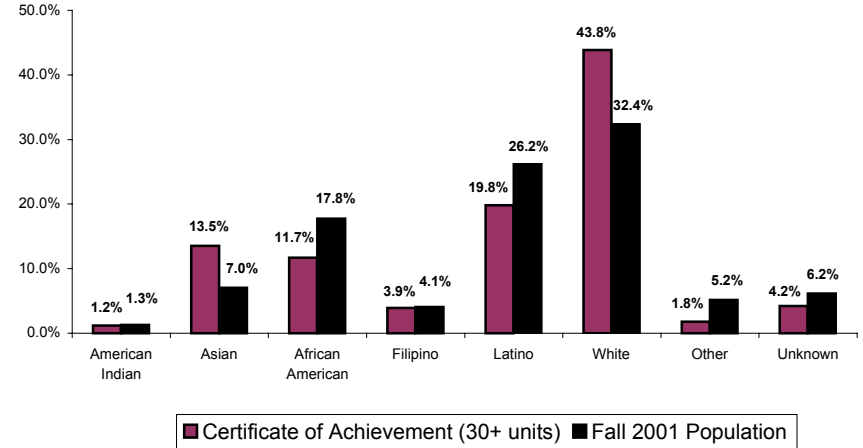


Chart 13

**CITY COLLEGE**  
**Comparisons of Ethnicities of 2002 Certificate of Achievement (18-29**  
**units) Recipients and Fall 2001 Student Population**

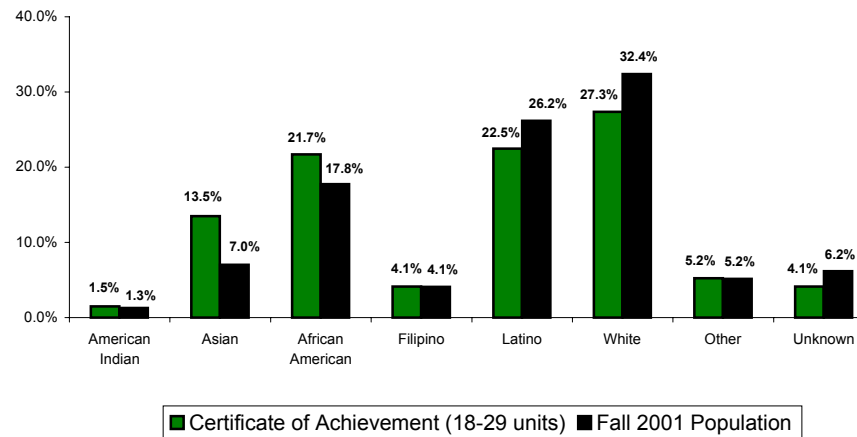


Chart 14

**CITY COLLEGE**  
**Comparisons of Ethnicities of Associate Degree Recipients:**  
**2001 Awards vs. 2002 Awards**

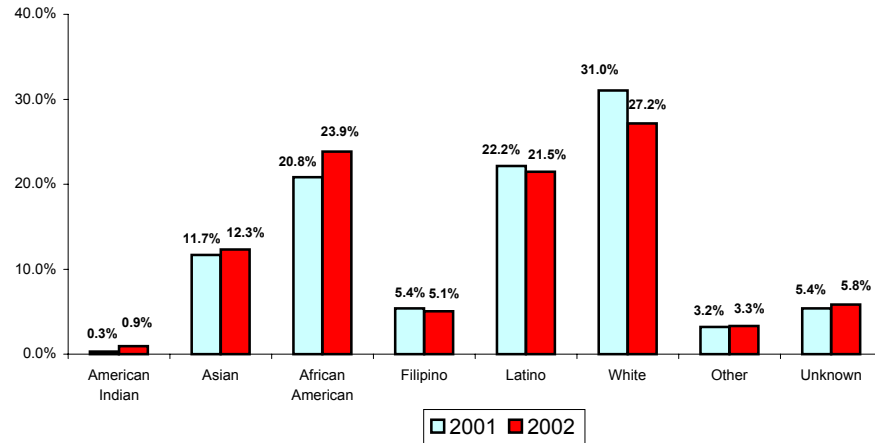


Chart 15

**CITY COLLEGE**  
**Comparisons of Ethnicities of Certificate of Achievement (30+ units)**  
**Recipients: 2001 Awards vs 2002 Awards**

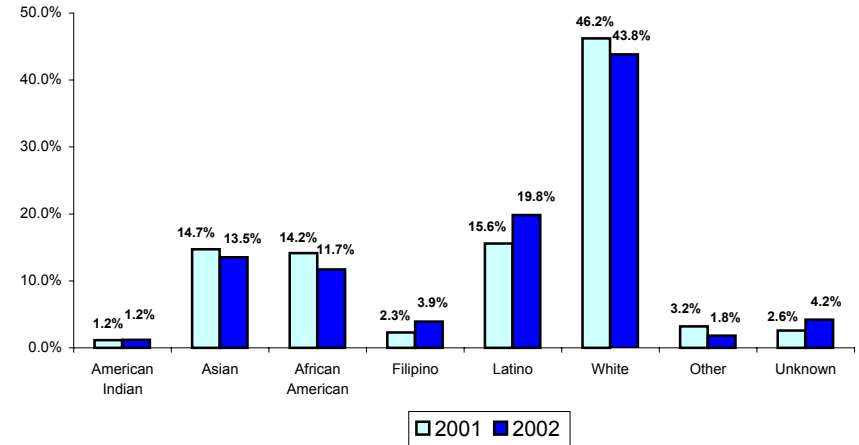
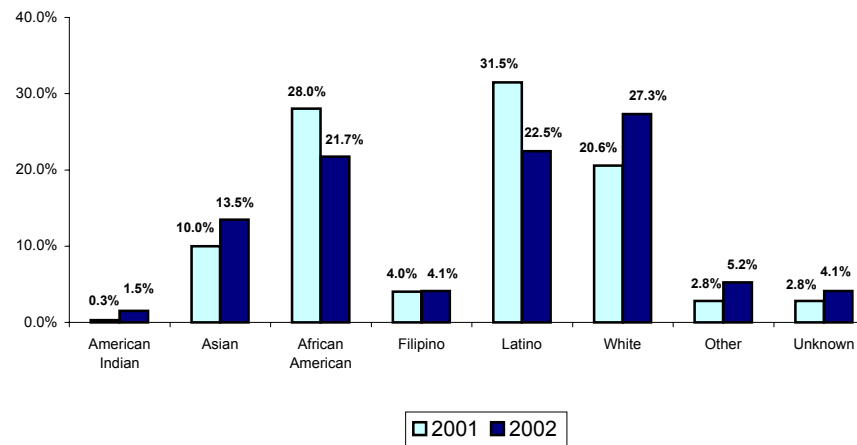


Chart 16

**CITY COLLEGE**  
**Comparisons of Ethnicities of Certificate of Achievement (18-29 units)**  
**Recipients: 2001 Awards vs. 2002 Awards**



## **Part 2: Profile of Recipients**

### **A. RECIPIENT DEMOGRAPHICS – City College**

*(Note: Data in this section are Unduplicated)*

#### **1. 2002 Degree and Certificate Award Recipients by Ethnicity (Table 19)**

- Of all award recipients in 2002, 33% were white, 23% were Latino, 19% were African American, 12% were Asian, and 4% were Filipino.

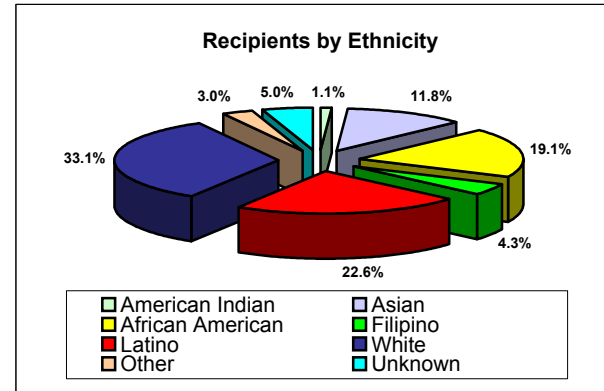
#### **2. 2002 Degree and Certificate Award Recipients by Gender (Table 20)**

- In 2002, males constituted a slight majority (54%) of the 981 award recipients.

**Table 19**

**2002 Degree and Certificate Award Recipients by Ethnicity - CITY COLLEGE**

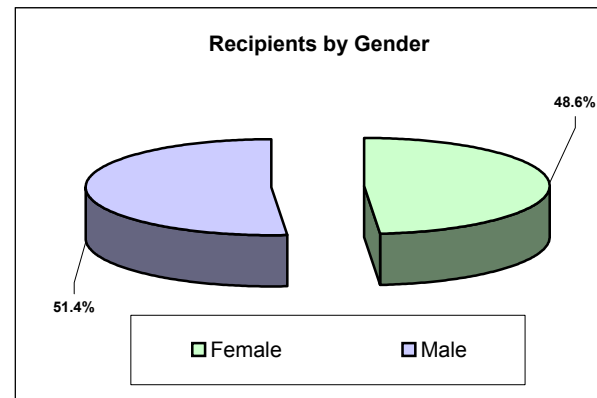
ETHNICITY	N	%
American Indian	11	1.1%
Asian	116	11.8%
African American	187	19.1%
Filipino	42	4.3%
Latino	222	22.6%
White	325	33.1%
Other	29	3.0%
Unknown	49	5.0%
<b>TOTAL</b>	<b>981</b>	<b>100.0%</b>



**Table 20**

**2002 Degree and Certificate Award Recipients by Gender - CITY COLLEGE**

GENDER	N	%
Female	477	48.6%
Male	504	51.4%
<b>TOTAL</b>	<b>981</b>	<b>100.0%</b>



## **B. SINGLE AND MULTIPLE AWARD RECIPIENTS – City College**

*(Note: Data in this section are Unduplicated)*

### **1. 2002 Single and Multiple Award Recipients by Number of Awards Received (Table 21)**

- In 2002, 80% of the award recipients received one award, 15% received two awards, 4% received three awards, and the remaining 1% received four or more awards.

### **2. 2002 Single and Multiple Award Recipients by Award Type (Table 22)**

- Of the recipients who received one award in 2002, 54% of them received an associate degree, while 32% received a certificate of achievement (30+ units) and 14% received a certificate of achievement (18-29 units).
- Of the 148 students who received two awards in 2002, 27% received an associate degree and a certificate of achievement (18-29 units), 26% received an associate degree and a certificate of achievement (30+ units), and another 26% received two associate degrees.
- Almost half (49%) of the recipients with three awards received a combination of associate degrees and certificates of achievement (18-29 units).

**Table 21**

**2002 Single and Multiple Award Recipients by Number of Awards Received - CITY COLLEGE**

Number of Awards Received in 2002	N	%
One Award	786	80.1%
Two Awards	148	15.1%
Three Awards	37	3.8%
Four Awards	9	0.9%
Five Awards	1	0.1%
Total	981	100.0%

**Table 22**

**2002 Multiple Award Recipients by Award Type - CITY COLLEGE**

Number of Awards Received in 2002	Associate Degrees Only		Certificates of Achievement (30+ units) Only		Certificates of Achievement (18-29 units) Only		Combination of Assoc. Deg. & C.of A.(30+units)		Combination of Assoc. Deg. & C.of A.(18-29units)		Combination of C.of A.(30+units) & C.of A.(18-29units)		Combination Assoc. Deg., C.of A.(30+ units) & C.of A.(18-29units)		TOTAL N
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	
One Award	421	53.6%	252	32.1%	113	14.4%									786
Two Awards	39	26.4%	1	0.7%	18	12.2%	39	26.4%	40	27.0%	11	7.4%			148
Three Awards	4	10.8%	0	0.0%	1	2.7%	1	2.7%	18	48.6%	3	8.1%	10	27.0%	37
Four Awards	0	0.0%	0	0.0%	0	0.0%	0	0.0%	4	44.4%	0	0.0%	5	55.6%	9
Five Awards	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	1	100.0%	0	0.0%	1
Total	464	47.3%	253	25.8%	132	13.5%	40	4.1%	62	6.3%	15	1.5%	15	1.5%	981

## **C. PREVIOUS AWARD STATUS<sup>7</sup> - City College**

*(Note: Data in this section are Unduplicated)*

### **1. 2002 Award Recipients: Previous Awards vs. No Previous Awards by Ethnicity (Table 23 and Chart 17)**

- Asian and African American recipients represented a higher percentage of recipients with previous awards than their corresponding percentage among all 2002 award recipients (Asian, 21% of previous award recipients vs. 12% of all award recipients; African American, 25% of previous award recipients vs. 19% of all award recipients).

### **2. 2002 Award Recipients: Previous Awards vs. No Previous Awards by Gender (Table 24 and Chart 18)**

- Females represented 63% of the 2002 award recipients with previous awards, but represented only 49% of all 2002 award recipients.

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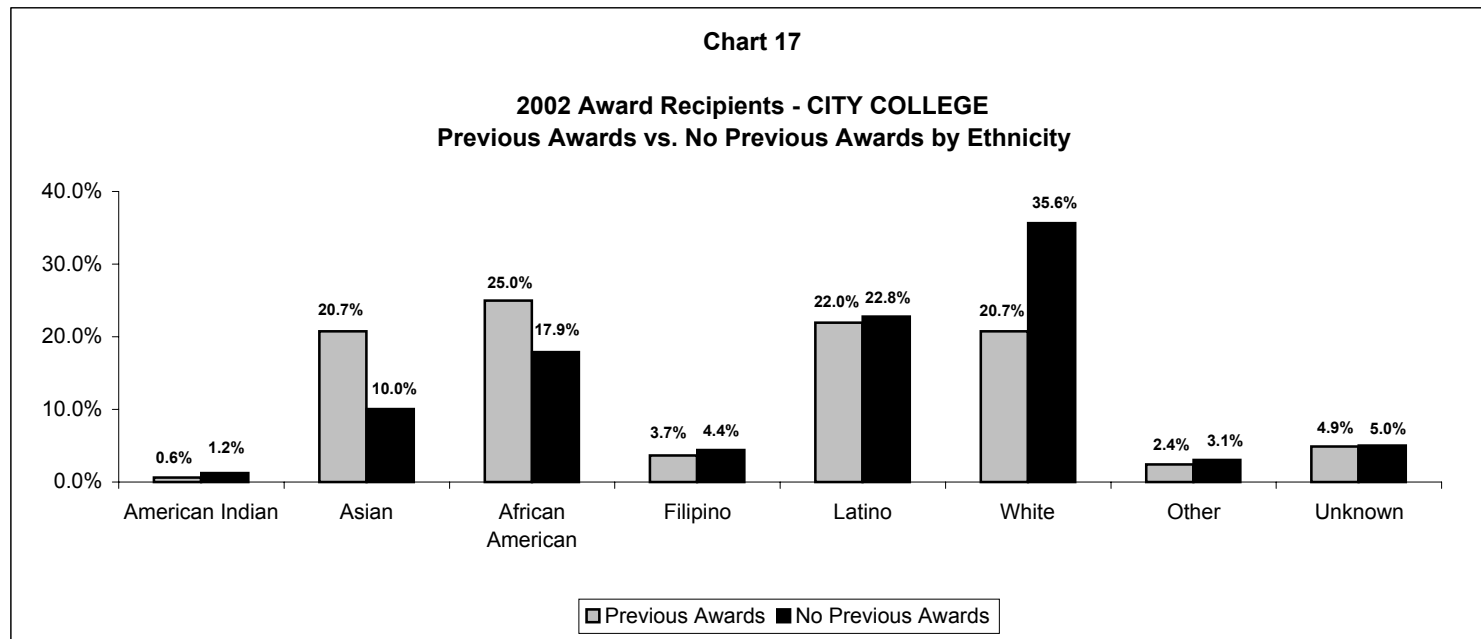
<sup>7</sup> Recipients with previous awards include those with additional degrees and certificates received prior to 2002 (1950 to 2001).



**Table 23**

**2002 Award Recipients - CITY COLLEGE  
Previous Awards<sup>1</sup> vs. No Previous Awards by Ethnicity**

	Previous Awards		No Previous Awards		TOTAL	
	N	%	N	%	N	%
American Indian	1	0.6%	10	1.2%	11	1.1%
Asian	34	20.7%	82	10.0%	116	11.8%
African American	41	25.0%	146	17.9%	187	19.1%
Filipino	6	3.7%	36	4.4%	42	4.3%
Latino	36	22.0%	186	22.8%	222	22.6%
White	34	20.7%	291	35.6%	325	33.1%
Other	4	2.4%	25	3.1%	29	3.0%
Unknown	8	4.9%	41	5.0%	49	5.0%
<b>TOTAL</b>	<b>164</b>	<b>100.0%</b>	<b>817</b>	<b>100.0%</b>	<b>981</b>	<b>100.0%</b>

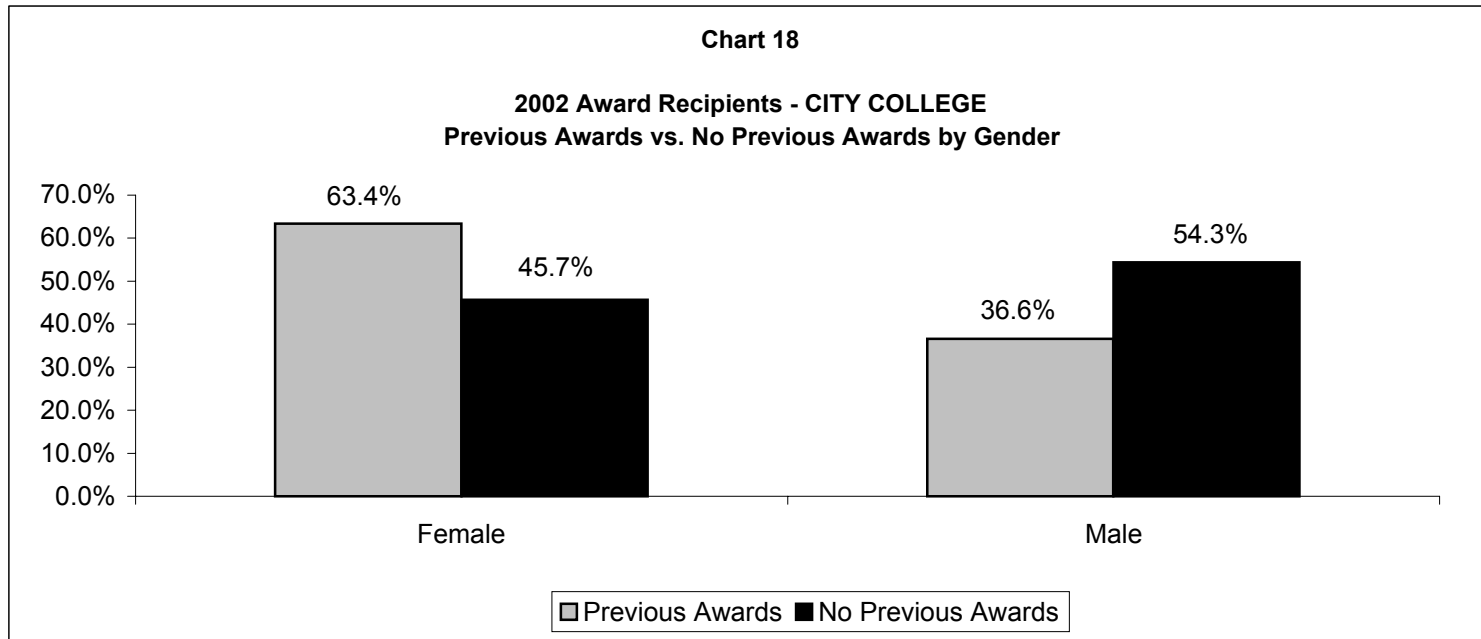


**Note 1:** Award recipients with additional degrees and certificates received prior to 2002 (1950 to 2001).

**Table 24**

**2002 Award Recipients - CITY COLLEGE  
Previous Awards<sup>1</sup> vs. No Previous Awards by Gender**

	Previous Awards		No Previous Awards		TOTAL	
	N	%	N	%	N	%
Female	104	63.4%	373	45.7%	477	48.6%
Male	60	36.6%	444	54.3%	504	51.4%
<b>TOTAL</b>	164	100.0%	817	100.0%	981	100.0%



**Note 1:** Award recipients with additional degrees and certificates received prior to 2002 (1950 to 2001).

## **D. AVERAGE NUMBER OF COMPLETED UNITS AND SEMESTERS<sup>8</sup> – City College**

*(Note: Data in this section are Unduplicated)*

### **1. 2002 Award Recipients: Average Number of Units Completed by Ethnic Group (Table 25)**

- Of the 664 single award recipients<sup>8</sup> in 2002, 323 were associate degree recipients, 240 were certificate of achievement (30+ units) recipients and 101 were certificate of achievement (18-29 units) recipients.
- Associate degree recipients completed an average of 73 units, notably higher than the 60 unit requirement for associate degrees. Certificates of achievement (30+ units) recipients completed an average of 49 units and certificate of achievement (18-29 units) recipients completed an average of 44 units.
- Comparisons by ethnic group showed Latino and Asian associate degree recipients with the highest average number of completed units (Latino recipients, 81 units; Asian recipients, 79 units.) In addition, Asian certificate of achievement (30+ units) recipients had the highest average number of completed units (64 units) relative to the overall average of 49 units described above. The number of certificate of achievement (18-29 units) recipients was too small to make adequate comparisons by ethnicity.

### **2. 2002 Award Recipients: Average Number of Semesters Completed by Ethnic Group (Table 26)**

- Of the single award recipients<sup>8</sup> in 2002, associate degree recipients completed an average of 10 semesters. The average for both certificate of achievement (30+ units) and certificate of achievement (18-29 units) recipients was 7 semesters.
- Analysis by ethnic group showed African American, Latino, and Filipino associate degree recipients with the highest average number of completed semesters (11 semesters). Asians had the highest average number of completed semesters across the certificate of achievement (30+ units) recipients (9 semesters). The number of certificate of achievement (18-29 units) recipients was too small to make adequate comparisons by ethnicity.

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<sup>8</sup> Only those who received a single SDCCD award in 2002 (degree or certificate) and have no previous SDCCD awards (from 1950 to 2001) were included in the analysis.

**Table 25**  
**2002 Award Recipients - CITY COLLEGE**  
**Average Number of Units Completed by Ethnic Group<sup>1</sup>**

ETHNICITY	ASSOCIATE DEGREES		CERTIFICATE OF ACHIEVEMENT <sup>2</sup>		CERTIFICATE OF ACHIEVEMENT <sup>3</sup>	
	2002 Recipients		2002 Recipients		2002 Recipients	
	Average # of Units	N	Average # of Units	N	Average # of Units	N
American Indian	55.5	2	45.5	3	56.8	2
Asian	79.2	28	63.7	21	47.0	12
African American	74.7	75	46.6	24	46.1	13
Filipino	75.1	19	38.6	7	29.3	3
Latino	80.9	75	47.8	56	51.5	28
White	64.0	94	47.2	115	36.1	39
Other	81.0	10	43.6	6	73.5	2
Unknown	61.8	20	53.9	8	40.0	2
<b>TOTAL</b>	<b>72.7</b>	<b>323</b>	<b>48.6</b>	<b>240</b>	<b>44.0</b>	<b>101</b>

**Note 1:** Only those who received a single SDCCD award in 2002 (degree or certificate) and have no previous SDCCD awards (from 1950 to 2001) were included in the analysis.

**Note 2:** Includes only certificate of achievement programs that require 30 or more units.

**Note 3:** Includes only certificate of achievement programs that require between 18 and 29 units.

**Table 26**  
**2002 Award Recipients - CITY COLLEGE**  
**Average Number of Semesters Completed by Ethnic Group<sup>1</sup>**

ETHNICITY	ASSOCIATE DEGREES		CERTIFICATE OF ACHIEVEMENT <sup>2</sup>		CERTIFICATE OF ACHIEVEMENT <sup>3</sup>	
	2002 Recipients		2002 Recipients		2002 Recipients	
	Average # of Semesters	N	Average # of Semesters	N	Average # of Semesters	N
American Indian	8.5	2	6.3	3	10.0	2
Asian	9.6	28	8.9	21	9.5	12
African American	11.1	75	6.4	24	7.0	13
Filipino	11.5	19	6.3	7	3.7	3
Latino	10.9	75	7.0	56	8.3	28
White	8.4	94	7.5	115	6.5	39
Other	9.6	10	4.7	6	9.0	2
Unknown	7.9	20	8.8	8	7.0	2
<b>TOTAL</b>	<b>9.9</b>	<b>323</b>	<b>7.3</b>	<b>240</b>	<b>7.5</b>	<b>101</b>

**Note 1:** Only those who received a single SDCCD award in 2002 (degree or certificate) and have no previous SDCCD awards (from 1950 to 2001) were included in the analysis.

**Note 2:** Includes only certificate of achievement programs that require 30 or more units.

**Note 3:** Includes only certificate of achievement programs that require between 18 and 29 units.

## **Section III**

# **Mesa College Summary**

# Part 1: Awards

## **A. TOTAL AWARDS – Mesa College**

*(Note: Data in this section are Duplicated)*

### **1. Total Number of Degrees and Certificates Awarded – 2001 vs. 2002 (Table 27)**

- The total number of degrees and certificates awarded by Mesa College in 2002 was 1,527, slightly higher than the previous year (1,424 awards in 2001).
- In comparison to 2001, in 2002, there was a significant fifty-six percent (56%) increase in the number of certificates of achievement (18-29 units) awarded, while the number of associate in arts and associate in science degrees increased by 8% and 9% respectively. In contrast, the number of certificates of achievement (30+ units) decreased by a notable 22%.

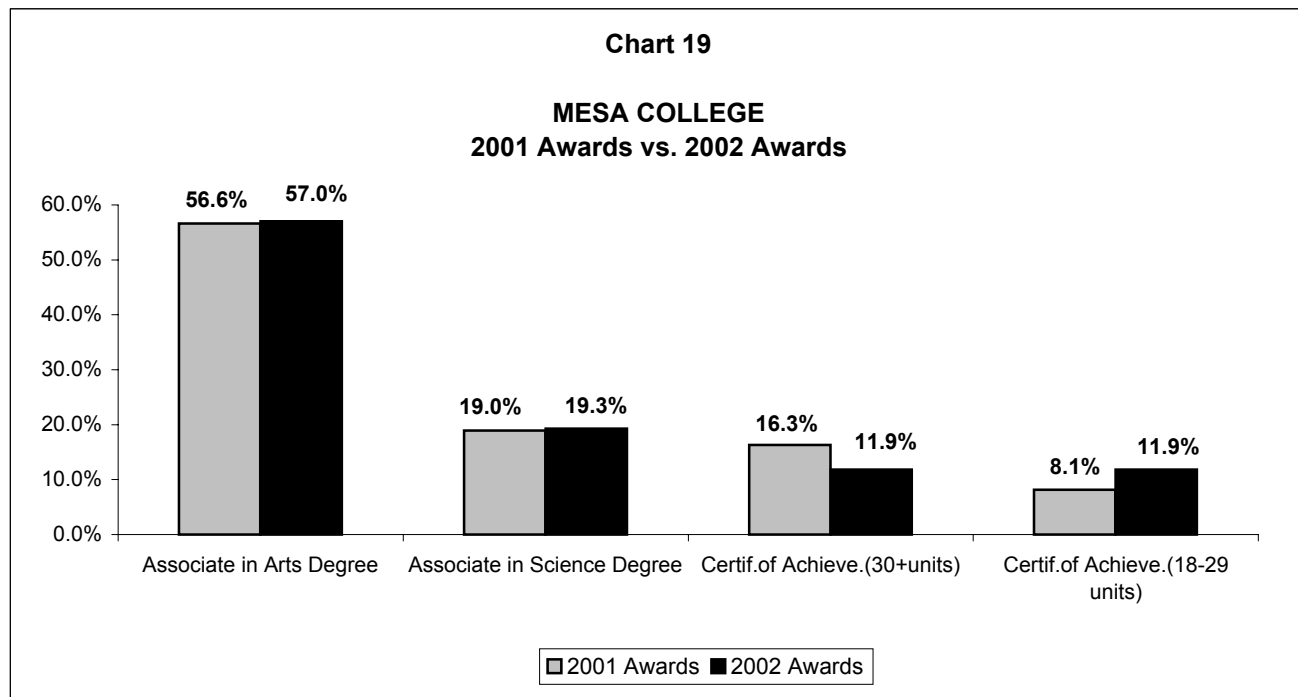
### **2. Total Number of Degrees and Certificates Awarded in 2002 (Chart 19)**

- More than half (57%) of all degrees and certificates awarded by Mesa College in 2002 were associate in arts degrees, 19% were associate in science degrees, 12% were certificates of achievement (30+ units), and another 12% were certificates of achievement (18-29 units).

Table 27

**Total Number of Degrees and Certificates Awarded<sup>1</sup> - MESA COLLEGE  
2001 Awards vs. 2002 Awards**

	2001	2002	Change	% Change
<b>Mesa College</b>				
Associate in Arts Degree	806	871	65	8.1%
Associate in Science Degree	270	294	24	8.9%
Certificate of Achievement <sup>2</sup>	232	181	-51	-22.0%
Certificate of Achievement <sup>3</sup>	116	181	65	56.0%
<b>TOTAL</b>	<b>1,424</b>	<b>1,527</b>	<b>103</b>	<b>7.2%</b>



**Note 1:** Data reflect duplicated recipient counts.

**Note 2:** Includes only certificate of achievement programs that require 30 or more units.

**Note 3:** Includes only certificate of achievement programs that require between 18 and 29 units.



## B. AWARDS BY MAJOR – Mesa College

(Note: Data in this section are Duplicated)

### 1. Associate Degree

- The Transfer Studies CSU major represented 28% of the total number of associate degrees awarded in 2002 followed by the Liberal Arts – Option I major, representing 11% of the associate degree awards. The percentage of associate degree awards in each of the remaining majors did not exceed 8% of the total.

**Table 28**  
**2002 Associate Degree Awards by Major\***

Major	Frequency	Percent
1. TRANSFER STUDIES-CSU	320	27.5%
2. LIBERAL ARTS-OPTION I	123	10.6%
3. TRANSFER STUDIES-T.A.G. – UC	91	7.8%
4. SELECTED STUDIES	81	7.0%
5. TRANSFER STUDIES OTHER	74	6.4%
6. TRANSFER STUDIES I.G.E.T.C. – UC	74	6.4%
7. BUSINESS ADMINISTRATION	53	4.5%
8. PSYCHOLOGY	31	2.7%
9. ANIMAL HEALTH TECHNOLOGY	22	1.9%
10. HEALTH INFORMATION TECHNOLOGY	20	1.7%
11. BIOLOGY-ALLIED HEALTH	20	1.7%
12. COMPUTER/INFORMATION SCIENCE	16	1.4%
13. CHILD DEVELOPMENT	16	1.4%
14. INTERIOR DESIGN	15	1.3%
15. AMERICAN SIGN LANGUAGE INTERPRETER	13	1.1%
16. TRAVEL AIRLINE TRAVEL AGENCY	12	1.0%
17. MULTIMEDIA	11	0.9%
18. TRANSFER STUDIES I.G.E.T.C. – CSU	11	0.9%
19. FASHION-FASHION DESIGN	9	0.8%
20. HOTEL-MOTEL MANAGEMENT	9	0.8%
<b>Other Majors</b>	<b>144</b>	<b>12.4%</b>
<b>TOTAL</b>	<b>1,165</b>	<b>100.0%</b>

\* This table includes disaggregated data for the top 20 most popular majors at Mesa College only. A complete listing of associate degree awards by major is provided in Appendix G.

**B. AWARDS BY MAJOR – Mesa College (continued)**

(Note: Data in this section are Duplicated)

**2. Certificate of Achievement-1**

- Of the total number of certificate of achievement (30+ units) awards given in 2002, 26% were in Business Administration, followed by 13% in Radiologic Technology, 10% in Interior Design, 9% in American Sign Language Interpreter, 9% in Computer Information Science, and 9% in Medical Assisting. The percentage of certificate of achievement (30 + units) awards in each of the remaining majors did not exceed 7% of the total.

**Table 29  
2002 Certificate of Achievement (30+ units) Awards by Major\***

Major	Frequency	Percent
1. BUSINESS ADMINISTRATION	47	26.0%
2. RADIOLOGIC TECHNOLOGY	24	13.3%
3. INTERIOR DESIGN	18	9.9%
4. AMERICAN SIGN LANGUAGE INTERPRETER	17	9.4%
5. COMPUTER/INFORMATION SCIENCE	16	8.8%
6. MEDICAL ASSISTING	12	6.6%
7. FASHION-FASHION DESIGN	10	5.5%
8. HOTEL-MOTEL MANAGEMENT	10	5.5%
9. BUSINESS MANAGEMENT	4	2.2%
10. FOOD SERVICE OCCUPATIONS	3	1.7%
11. MULTIMEDIA INTERACT MEDIA PROD	3	1.7%
12. PHYSICAL SCIENCE-PHYSICS	2	1.1%
13. ARCHITECTURE TECHNICIAN	2	1.1%
14. ARCHITECTURE	2	1.1%
15. CHILD DEVELOPMENT MASTER TEACHER	2	1.1%
16. PHYSICAL SCIENCE-ENGINEERING	1	0.6%
17. FASHION-FASHION MERCHANDISING	1	0.6%
18. MARKETING	1	0.6%
19. WATER/WASTE WATER TECH OPERATOR	1	0.6%
20. ARCHITECTURE SURVEY	1	0.6%
<b>Other Majors</b>	4	2.2%
<b>TOTAL</b>	<b>181</b>	<b>100.0%</b>

\* This table includes disaggregated data for the top 20 most popular majors at Mesa College only. A complete listing of certificate of achievement (30+ units) awards by major is provided in Appendix H.

**B. AWARDS BY MAJOR – Mesa College (continued)**

(Note: Data in this section are Duplicated)

**3. Certificate of Achievement (18-29 Units)**

- Of the certificate of achievement (18-29 units) recipients in 2002, Travel Airline Agency was the most popular major (11%), followed by Dental Assisting (9%) and Certified Physical Education – Fitness Specialist (9%). The percentage of certificate of achievement (18-29 units) awards in each of the remaining majors did not exceed 8% of the total.

**Table 30  
2002 Certificate of Achievement (18-29 units) Awards by Major\***

Major	Frequency	Percent
1. TRAVEL AIRLINE TRAVEL AGENCY	20	11.0%
2. DENTAL ASSISTING	17	9.4%
3. CERT PHYS ED-FITNESS SPECIALIST	16	8.8%
4. BUSINESS ADMINISTRATION	13	7.2%
5. INTERIOR DESIGN	13	7.2%
6. CHILD DEVELOPMENT ASSOCIATE TEACHER	11	6.1%
7. CHILD DEVELOPMENT TEACHER	11	6.1%
8. COMPUTER BUSINESS TECH-ADMIN ASSISTANT	11	6.1%
9. COMPUTER BUSINESS TECH-MICROCOMPUTER APPLICATION	10	5.5%
10. ACCOUNTING	9	5.0%
11. WATER/WASTE WATER TECH OPERATOR	9	5.0%
12. CBTE INFO MANAGEMENT TECH	7	3.9%
13. REAL ESTATE	6	3.3%
14. BUILDING CONSTRUCTION TECH-INSPECTION	4	2.2%
15. WATER/WASTE WATER TECH DIS/COL SYS	4	2.2%
16. WATER/WASTE WATER TECH-WATER TR	3	1.7%
17. CBTE MEDICAL BUSINESS ASSISTANT	3	1.7%
18. FASHION-FASHION DESIGN	2	1.1%
19. ESCROW	2	1.1%
20. TRAVEL MTG CONV PLANNING	2	1.1%
<b>Other Majors</b>	<b>8</b>	<b>4.4%</b>
<b>TOTAL</b>	<b>181</b>	<b>100.0%</b>

\* This table includes disaggregated data for the top 20 most popular majors at Mesa College only. A complete listing of certificate of achievement (18-29 units) awards by major is provided in Appendix I.

## **C. AWARDS BY ETHNICITY – Mesa College**

*(Note: Data in this section are Duplicated)*

### **1. 2002 Degrees and Certificates Awarded by Ethnicity (Table 31)**

- The ethnicity of all degree and certificate recipients in 2002 included: 51% whites, 18% Asians, 12% Latinos, 6% African Americans, and 5% Filipinos. By comparison, the ethnic distribution of certificate of achievement (30+ units) recipients showed a higher percentage of Latino recipients (16%). For certificate of achievement (18-29 units) recipients, the percentages of Asians and Filipinos were relatively higher (Asian, 26%; Filipino, 8%), while the percentages of Latinos and whites were lower (Latino, 8%; white, 43%). There was no significant change in the ethnic group percentages for associate degree recipients.

### **2. Comparisons of Ethnicities of 2002 Degree and Certificate Recipients and Fall 2001 Student Population (Chart 20, Chart 21, and Chart 22)**

- The proportions of Asian associate degree and certificate of achievement (18-29 units) recipients in 2002 was significantly higher than the corresponding proportion of Asians in the fall 2001 Mesa College student population (associate degree, 19% of award recipients vs. 13% of population; certificate of achievement (18-29 units), 26% of award recipients vs. 13% of population).
- The proportion of Latino certificate of achievement (18-29 units) recipients was lower than the corresponding proportion of Latinos in the Mesa College student population (8% of award recipients vs. 14% of population).
- Compared to the proportion of whites in the 2001 Mesa College student population, the proportion of white certificate of achievement (18-29 units) recipients was lower (43% of award recipients vs. 50% of population).

### **3. Comparisons of Ethnicities of Degree and Certificate Recipients: 2001 Awards vs. 2002 Awards (Chart 23, Chart 24, and Chart 25)**

- In 2002, the percentages of white recipients across all three award types had decreased from the previous year (associate degree, 55% of 2002 award recipients vs. 51% of 2001 award recipients; certificate of achievement (30+ units), 49% of 2002 award recipients vs. 55% of 2001 award recipients; certificate of achievement (18-29 units), 43% of 2002 award recipients vs. 47% of 2001 award recipients).
- The percentage of Asian certificate of achievement (18-29 units) recipients in 2002 increased from the previous year (26% of 2002 award recipients vs. 22% of 2001 award recipients).

Table 31

2002 Degree and Certificate Recipients by Ethnicity - MESA COLLEGE

ETHNICITY	ASSOCIATE DEGREES		CERTIFICATE OF ACHIEVE.(30+units)		CERTIFICATE OF ACHIEVE.(18-29 units)		TOTAL AWARDS	
	2002 AWARDS		2002 AWARDS		2002 AWARDS		2002 AWARDS	
	N	%	N	%	N	%	N	%
American Indian	11	0.9%	1	0.6%	0	0.0%	12	0.8%
Asian	184	15.8%	35	19.3%	48	26.5%	267	17.5%
African American	63	5.4%	14	7.7%	13	7.2%	90	5.9%
Filipino	57	4.9%	7	3.9%	15	8.3%	79	5.2%
Latino	145	12.4%	28	15.5%	15	8.3%	188	12.3%
White	607	52.1%	88	48.6%	78	43.1%	773	50.6%
Other	50	4.3%	1	0.6%	8	4.4%	59	3.9%
Unknown	48	4.1%	7	3.9%	4	2.2%	59	3.9%
TOTAL	1,165	100.0%	181	100.0%	181	100.0%	1,527	100.0%

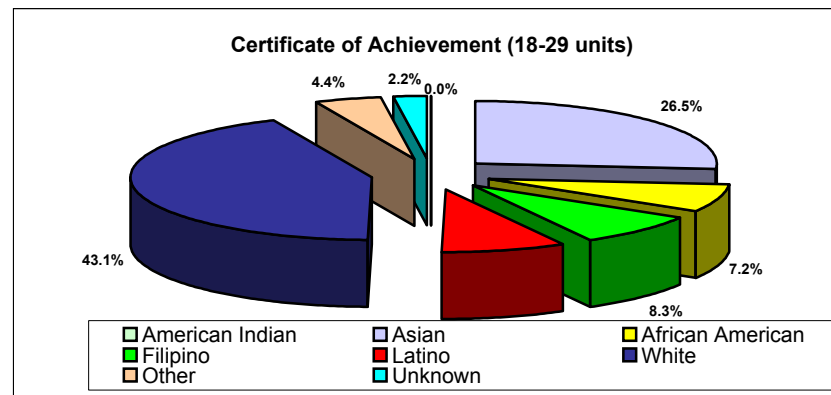
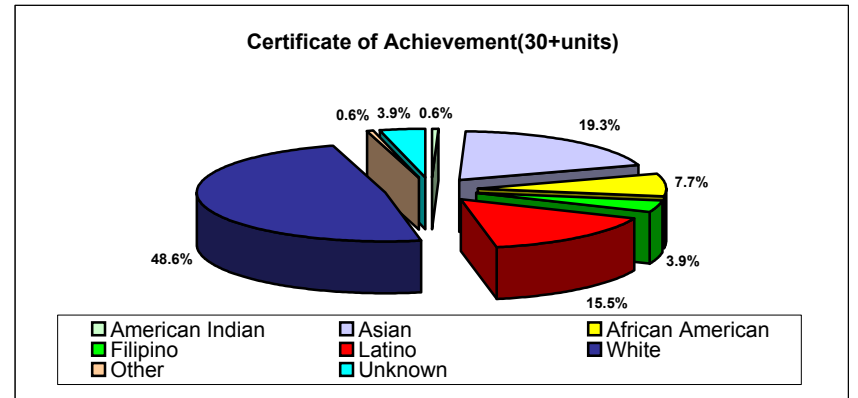
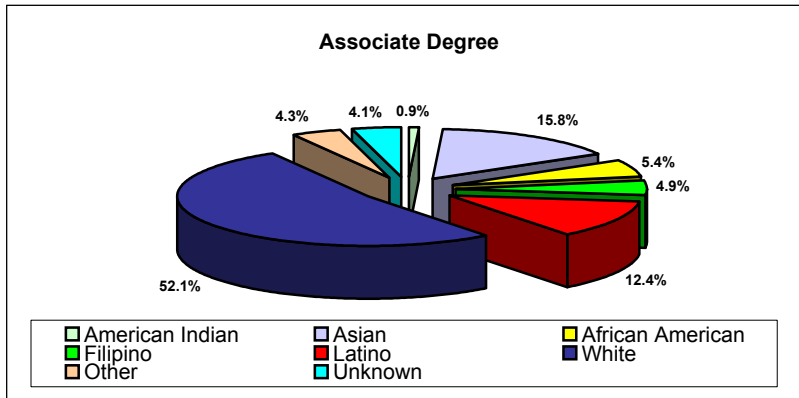


Chart 20

MESA COLLEGE  
Comparisons of Ethnicities of 2002 Associate Degree Recipients and Fall 2001 Student Population

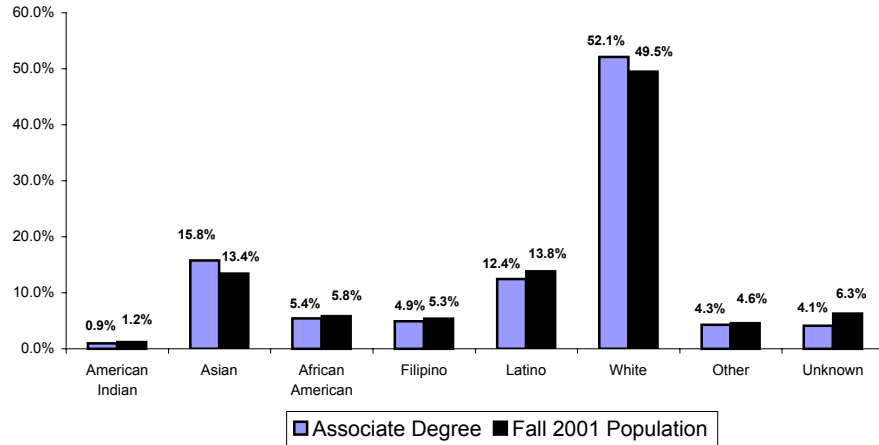


Chart 21

MESA COLLEGE  
Comparisons of Ethnicities of 2002 Certificate of Achievement (30+ units) Recipients and Fall 2001 Student Population

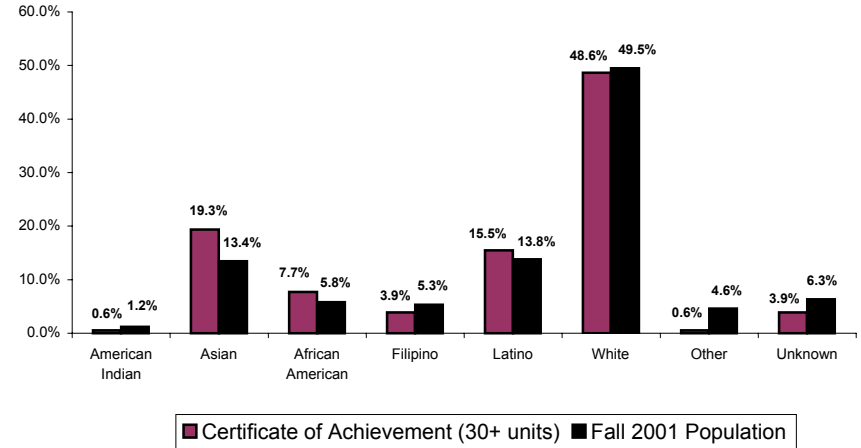


Chart 22

MESA COLLEGE  
Comparisons of Ethnicities of 2002 Certificate of Achievement (18-29 units) Recipients and Fall 2001 Student Population

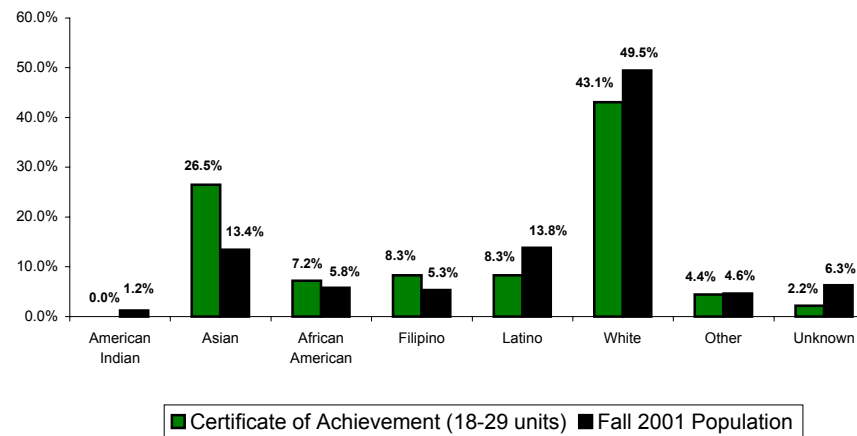


Chart 23

**MESA COLLEGE**  
**Comparisons of Ethnicities of Associate Degree Recipients:**  
**2001 Awards vs. 2002 Awards**

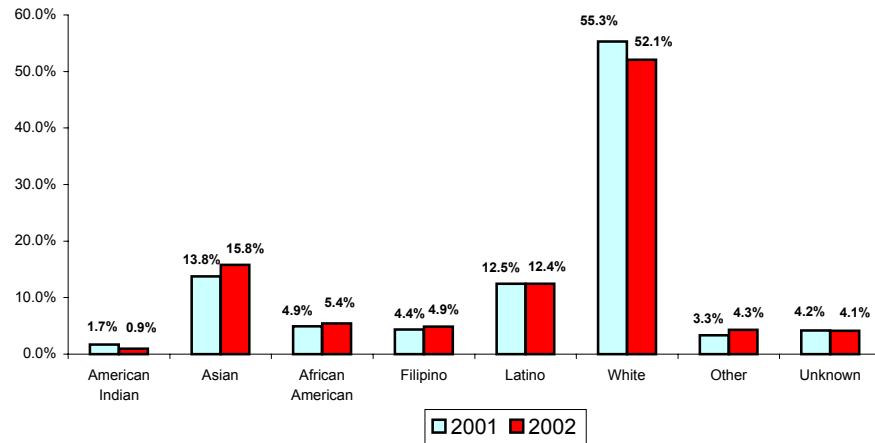


Chart 24

**MESA COLLEGE**  
**Comparisons of Ethnicities of Certificate of Achievement (30+ units)**  
**Recipients: 2001 Awards vs. 2002 Awards**

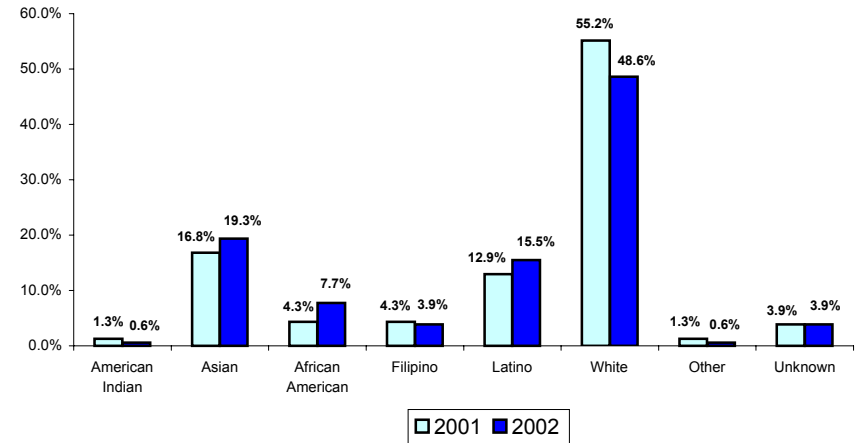
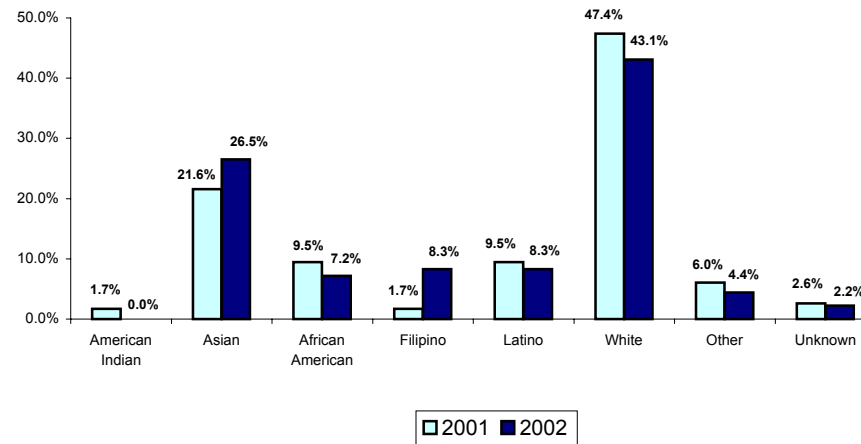


Chart 25

**MESA COLLEGE**  
**Comparisons of Ethnicities of Certificate of Achievement (18-29 units)**  
**Recipients: 2001 Awards vs. 2002 Awards**



## **Part 2: Profile of Recipients**

### **A. RECIPIENT DEMOGRAPHICS – Mesa College**

*(Note: Data in this section are Unduplicated)*

#### ***1. 2002 Degree and Certificate Award Recipients by Ethnicity (Table 32)***

- Of all award recipients in 2002, 52% were white, 16% were Asian, 13% were Latino, 6% were African American, and 5% were Filipino.

#### ***2. 2002 Degree and Certificate Award Recipients by Gender (Table 33)***

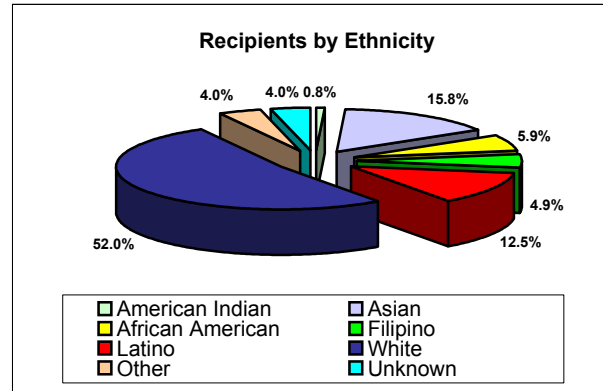
- In 2002, females constituted a notable majority (62%) of the 1,295 award recipients.



**Table 32**

**2002 Degree and Certificate Award Recipients by Ethnicity - MESA COLLEGE**

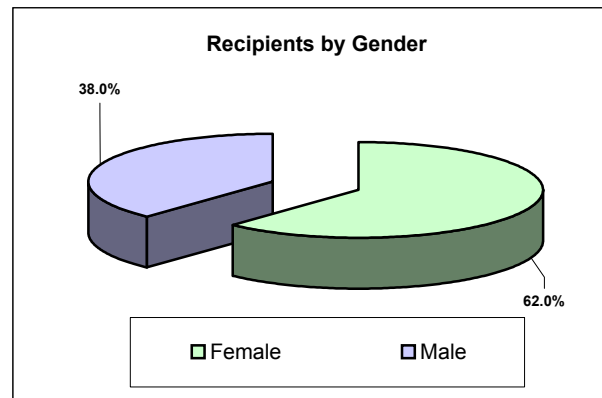
ETHNICITY	N	%
American Indian	10	0.8%
Asian	204	15.8%
African American	77	5.9%
Filipino	64	4.9%
Latino	162	12.5%
White	674	52.0%
Other	52	4.0%
Unknown	52	4.0%
<b>TOTAL</b>	<b>1,295</b>	<b>100.0%</b>



**Table 33**

**2002 Degree and Certificate Award Recipients by Gender - MESA COLLEGE**

GENDER	N	%
Female	803	62.0%
Male	492	38.0%
<b>TOTAL</b>	<b>1,295</b>	<b>100.0%</b>



## **B. SINGLE AND MULTIPLE AWARD RECIPIENTS – Mesa College**

*(Note: Data in this section are Unduplicated)*

### **1. 2002 Single and Multiple Award Recipients by Number of Awards Received (Table 34)**

- In 2002, 84% of the award recipients received one award, 14% received two awards, 1% received three awards, and less than 1% received four or more awards.

### **2. 2002 Single and Multiple Award Recipients by Award Type (Table 35)**

- Of the recipients who received one award in 2002, 86% of them received an associate degree, while 6% received a certificate of achievement (30+ units) and 9% received a certificate of achievement (18-29 units).
- Of the 181 students who received two awards in 2002, more than half (56%) received an associate degree and a certificate of achievement (30+ units), while 33% received an associate degree and a certificate of achievement (18-29 units).
- Most of the recipients (79%) with three awards received a combination of associate degrees and certificates of achievement (18-29 units).

**Table 34**

**2002 Multiple Award Recipients by Number of Awards Received - MESA COLLEGE**

Number of Awards Received in 2002	N	%
One Award	1,094	84.5%
Two Awards	181	14.0%
Three Awards	14	1.1%
Four Awards	3	0.2%
Five Awards	3	0.2%
Total	1,295	100.0%

**Table 35**

**2002 Multiple Award Recipients by Award Type - MESA COLLEGE**

Number of Awards Received in 2002	Associate Degrees Only		Certificates of Achievement (30+ units) Only		Certificates of Achievement (18-29 units) Only		Combination of Assoc. Deg. & C.of A.(30+units)		Combination of Assoc. Deg. & C.of A.(18-29units)		Combination of C.of A.(30+units) & C.of A.(18-29units)		Combination Assoc. Deg., C.of A.(30+ units) & C.of A.(18-29units)		TOTAL
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	
One Award	940	85.9%	60	5.5%	94	8.6%									1,094
Two Awards	11	6.1%	1	0.6%	8	4.4%	102	56.4%	59	32.6%	0	0.0%			181
Three Awards	0	0.0%	0	0.0%	0	0.0%	11	78.6%	3	21.4%	0	0.0%	0	0.0%	14
Four Awards	0	0.0%	0	0.0%	0	0.0%	2	66.7%	0	0.0%	0	0.0%	1	33.3%	3
Five Awards	0	0.0%	0	0.0%	0	0.0%	1	33.3%	2	66.7%	0	0.0%	0	0.0%	3
Total	951	73.4%	61	4.7%	102	7.9%	116	9.0%	64	4.9%	0	0.0%	1	0.1%	1,295

### **C. PREVIOUS AWARD STATUS<sup>9</sup> - Mesa College**

*(Note: Data in this section are Unduplicated)*

#### **1. 2002 Award Recipients: Previous Awards vs. No Previous Awards by Ethnicity (Table 36 and Chart 26)**

- African American and Filipino recipients represented a higher percentage of recipients with previous awards than their corresponding percentage among all 2002 award recipients (African American, 12% of previous award recipients vs. 6% of all award recipients; Filipino, 9% of previous award recipients vs. 5% of all award recipients).

#### **2. 2002 Award Recipients: Previous Awards vs. No Previous Awards by Gender (Table 37 and Chart 27)**

- Females represented 69% of the 2002 award recipients with previous awards, but represented only 62% of all 2002 award recipients.

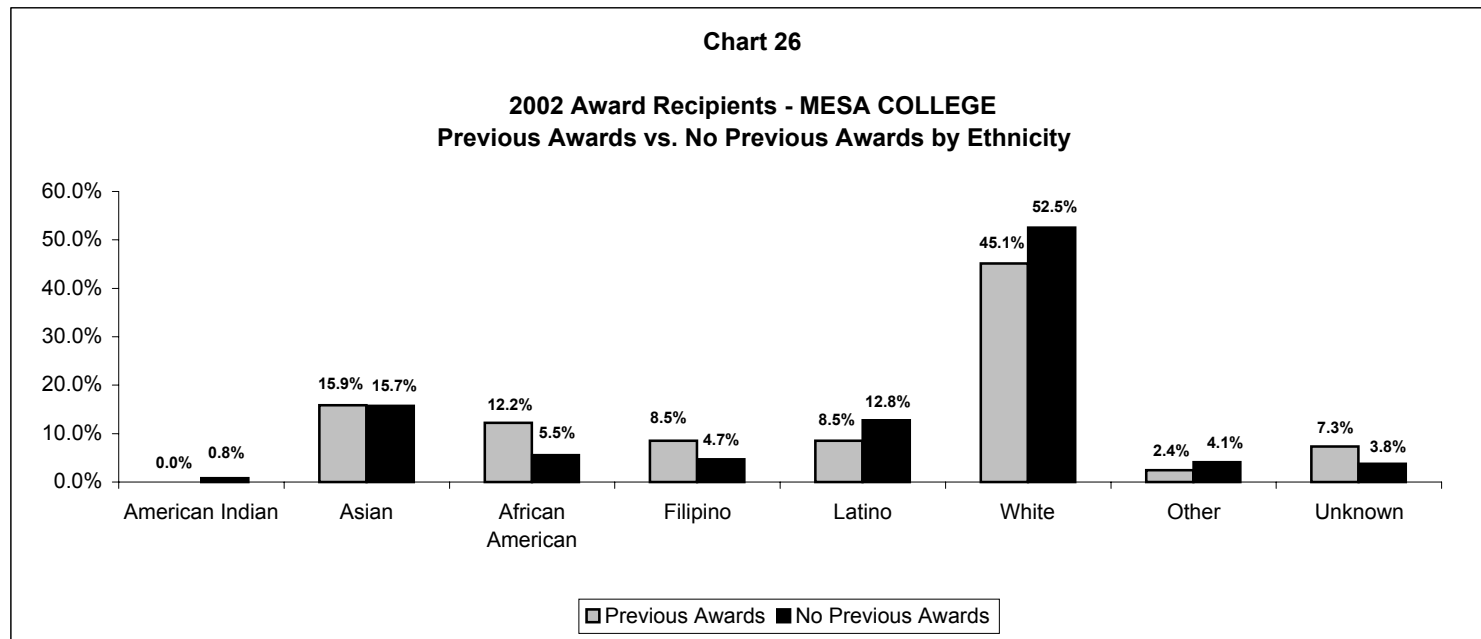
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<sup>9</sup> Recipients with previous awards include those with additional degrees and certificates received prior to 2002 (1950 to 2001).

**Table 36**

**2002 Award Recipients - MESA COLLEGE  
Previous Awards<sup>1</sup> vs. No Previous Awards by Ethnicity**

	Previous Awards		No Previous Awards		TOTAL	
	N	%	N	%	N	%
American Indian	0	0.0%	10	0.8%	10	0.8%
Asian	13	15.9%	191	15.7%	204	15.8%
African American	10	12.2%	67	5.5%	77	5.9%
Filipino	7	8.5%	57	4.7%	64	4.9%
Latino	7	8.5%	155	12.8%	162	12.5%
White	37	45.1%	637	52.5%	674	52.0%
Other	2	2.4%	50	4.1%	52	4.0%
Unknown	6	7.3%	46	3.8%	52	4.0%
<b>TOTAL</b>	<b>82</b>	<b>100.0%</b>	<b>1,213</b>	<b>100.0%</b>	<b>1,295</b>	<b>100.0%</b>

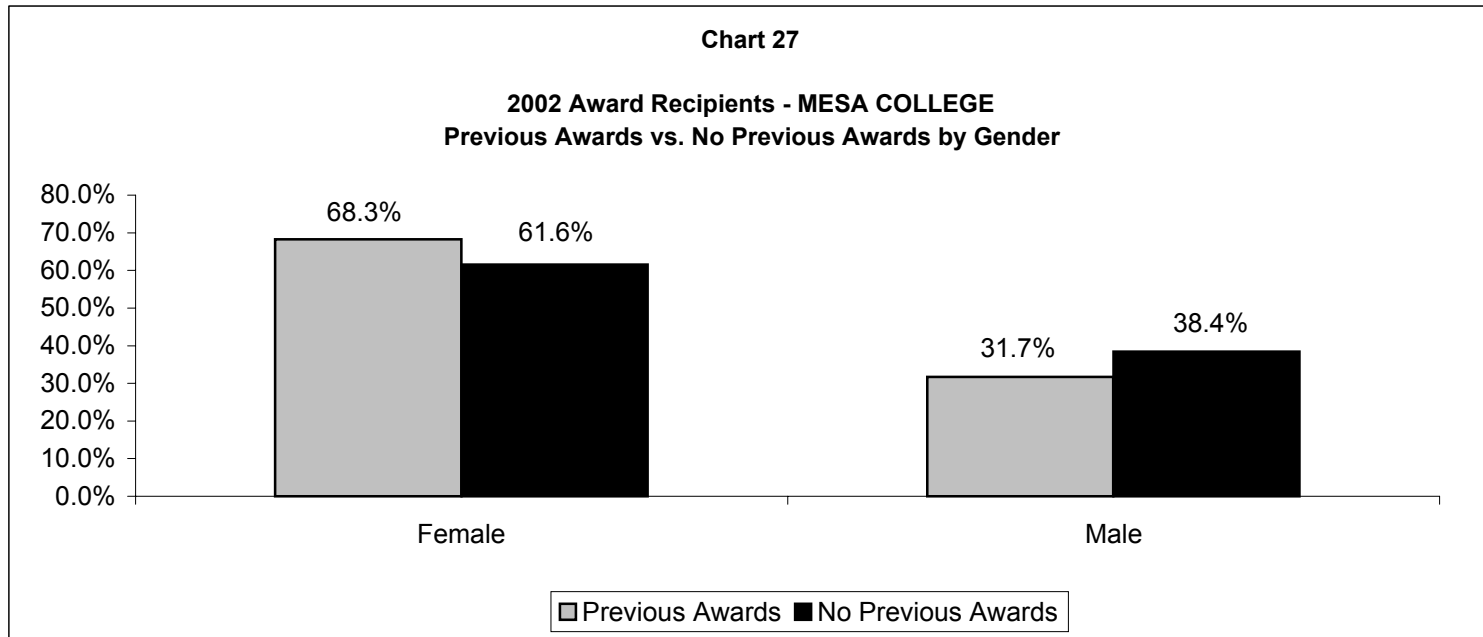


**Note 1:** Award recipients with additional degrees and certificates received prior to 2002 (1950 to 2001).

**Table 37**

**2002 Award Recipients - MESA COLLEGE  
Previous Awards<sup>1</sup> vs. No Previous Awards by Gender**

	Previous Awards		No Previous Awards		TOTAL	
	N	%	N	%	N	%
Female	56	68.3%	747	61.6%	803	62.0%
Male	26	31.7%	466	38.4%	492	38.0%
<b>TOTAL</b>	<b>82</b>	<b>100.0%</b>	<b>1,213</b>	<b>100.0%</b>	<b>1,295</b>	<b>100.0%</b>



**Note 1:** Award recipients with additional degrees and certificates received prior to 2002 (1950 to 2001).

## **D. AVERAGE NUMBER OF COMPLETED UNITS AND SEMESTERS<sup>10</sup> – Mesa College**

*(Note: Data in this section are Unduplicated)*

### **1. 2002 Award Recipients: Average Number of Units Completed by Ethnic Group (Table 38)**

- Of the 1,029 single award recipients<sup>10</sup> in 2002, 886 were associate degree recipients, 56 received certificates of achievement (30+ units) and 87 were certificate of achievement (18-29 units) recipients.
- Associate degree recipients completed an average of 64 units, slightly higher than the 60 unit requirement for associate degrees. The average was similar for certificate of achievement (30+ units) recipients who completed 60 units. In addition, certificates of achievement (18-29 units), single award recipients of this type completed an average of 48 units.
- Comparisons by ethnic group showed Asian associate degree recipients with the highest average number of completed units (75 units). The numbers of certificate of achievement (30+ units) and certificate of achievement (18-29 units) recipients were too small to make sufficient comparisons by ethnicity.

### **2. 2002 Award Recipients: Average Number of Semesters Completed by Ethnic Group (Table 39)**

- Of the single award recipients<sup>10</sup> in 2002, associate degree and certificate of achievement (30+ units) recipients completed an average of 8 semesters. The average was slightly lower (7 semesters) for certificate of achievement (18-29 units) recipients.
- Analysis by ethnic group showed Filipino associate degree recipients with the highest average number of completed semesters (10 semesters). The numbers of certificate of achievement (30+ units) and certificate of achievement (18-29 units) recipients were too small to make adequate comparisons by ethnicity.

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<sup>10</sup> Only those who received a single SDCCD award in 2002 (degree or certificate) and have no previous SDCCD awards (from 1950 to 2001) were included in the analysis.

**Table 38**  
**2002 Award Recipients - MESA COLLEGE**  
**Average Number of Units Completed by Ethnic Group<sup>1</sup>**

ETHNICITY	ASSOCIATE DEGREES		CERTIFICATE OF ACHIEVEMENT <sup>2</sup>		CERTIFICATE OF ACHIEVEMENT <sup>3</sup>	
	2002 Recipients		2002 Recipients		2002 Recipients	
	Average # of Units	N	Average # of Units	N	Average # of Units	N
American Indian	59.4	8	0.0	0	0.0	0
Asian	74.6	114	65.1	8	54.1	18
African American	66.5	42	49.6	6	42.6	7
Filipino	68.7	42	78.0	3	39.7	5
Latino	66.5	116	53.6	11	59.6	6
White	60.4	485	58.9	26	46.2	46
Other	62.9	43	0.0	0	35.0	2
Unknown	64.1	36	80.0	2	43.0	3
<b>TOTAL</b>	<b>64.0</b>	<b>886</b>	<b>59.5</b>	<b>56</b>	<b>47.7</b>	<b>87</b>

**Note 1:** Only those who received a single SDCCD award in 2002 (degree or certificate) and have no previous SDCCD awards (from 1950 to 2001) were included in the analysis.

**Note 2:** Includes only certificate of achievement programs that require 30 or more units.

**Note 3:** Includes only certificate of achievement programs that require between 18 and 29 units.



**Table 39**  
**2002 Award Recipients - MESA COLLEGE**  
**Average Number of Semesters Completed by Ethnic Group<sup>1</sup>**

ETHNICITY	ASSOCIATE DEGREES		CERTIFICATE OF ACHIEVEMENT <sup>2</sup>		CERTIFICATE OF ACHIEVEMENT <sup>3</sup>	
	2002 Recipients		2002 Recipients		2002 Recipients	
	Average # of Semesters	N	Average # of Semesters	N	Average # of Semesters	N
American Indian	7.9	8	0.0	0	0.0	0
Asian	8.8	114	8.3	8	6.3	18
African American	8.8	42	8.2	6	8.4	7
Filipino	9.9	42	13.7	3	6.8	5
Latino	8.2	116	7.5	11	9.5	6
White	7.4	485	8.3	26	7.4	46
Other	8.3	43	0.0	0	4.5	2
Unknown	7.4	36	9.5	2	9.7	3
<b>TOTAL</b>	<b>7.9</b>	<b>886</b>	<b>8.4</b>	<b>56</b>	<b>7.4</b>	<b>87</b>

**Note 1:** Only those who received a single SDCCD award in 2002 (degree or certificate) and have no previous SDCCD awards (from 1950 to 2001) were included in the analysis.

**Note 2:** Includes only certificate of achievement programs that require 30 or more units.

**Note 3:** Includes only certificate of achievement programs that require between 18 and 29 units.

## **Section IV**

# **Miramar College Summary**

# Part 1: Awards

## **A. TOTAL AWARDS – Miramar College**

*(Note: Data in this section are Duplicated)*

### **1. Total Number of Degrees and Certificates Awarded – 2001 vs. 2002 (Table 40)**

- The total number of degrees and certificates awarded by Miramar College in 2002 was 945, about the same as the previous year (935 awards in 2001).
- The number of associate in science degrees awarded remained the same (1% increase from 2001). In comparison to 2001, in 2002, there was a twenty-seven percent (27%) increase in the number of associate in arts degrees awarded. However, the number of certificates of achievement (30+ units) and certificates of achievement (18-29 units) awarded decreased by ten percent (5%) and (19%) respectively.

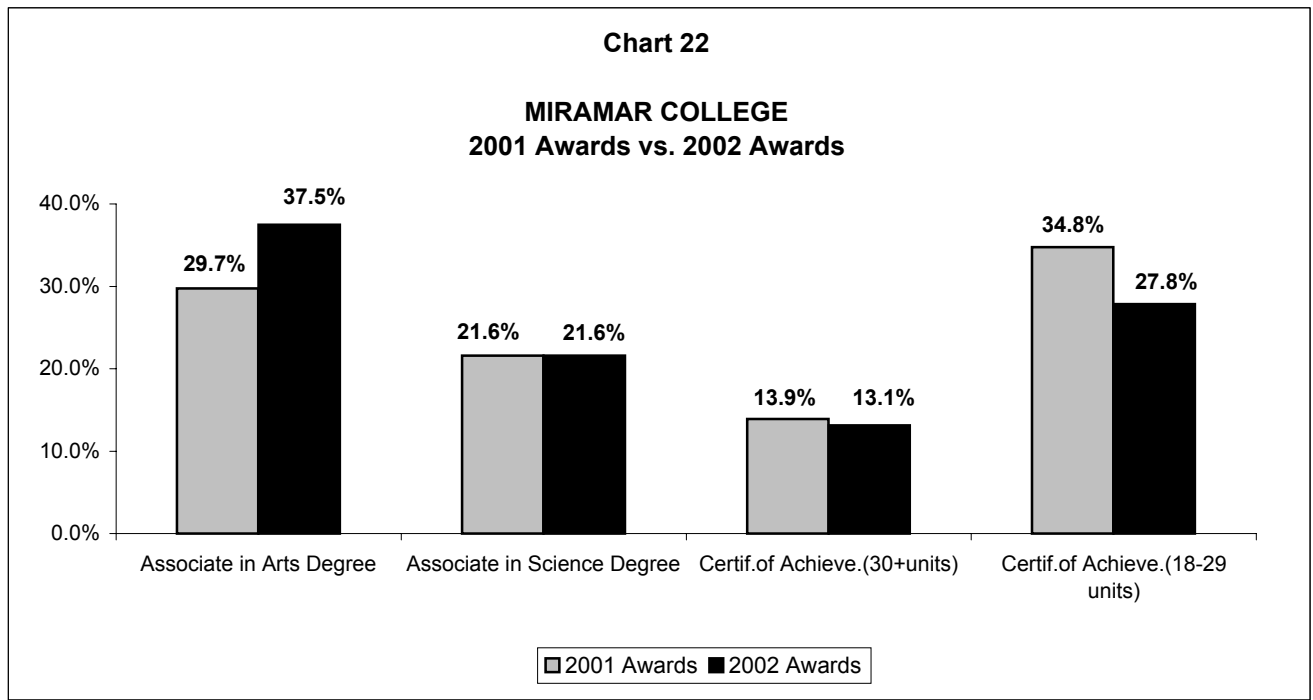
### **2. Total Number of Degrees and Certificates Awarded in 2002 (Chart 22)**

- Thirty-eight percent (38%) of all degrees and certificates awarded by Miramar College in 2002 were associate in arts degrees, 22% were associate in science degrees, 13% were certificates of achievement (30+ units), and 28% were certificates of achievement (18-29 units).

Table 40

**Total Number of Degrees and Certificates Awarded<sup>1</sup> - MIRAMAR COLLEGE  
2001 Awards vs. 2002 Awards**

	2001	2002	Change	% Change
<b>Miramamar College</b>				
Associate in Arts Degree	278	354	76	27.3%
Associate in Science Degree	202	204	2	1.0%
Certificate of Achievement <sup>2</sup>	130	124	-6	-4.6%
Certificate of Achievement <sup>3</sup>	325	263	-62	-19.1%
<b>TOTAL</b>	<b>935</b>	<b>945</b>	<b>10</b>	<b>1.1%</b>



**Note 1:** Data reflect duplicated recipient counts.

**Note 2:** Includes only certificate of achievement programs that require 30 or more units.

**Note 3:** Includes only certificate of achievement programs that require between 18 and 29 units.

## **B. AWARDS BY MAJOR – Miramar College**

(Note: Data in this section are Duplicated)

### **1. Associate Degree**

- The Transfer Studies CSU major represented 30% of the total number of associate degrees awarded in 2002 followed by the Liberal Arts – Option I – CSU General Education major, which represented 15% of the associate degree awards. The percentage of associate degree awards in each of the remaining majors did not exceed 7% of the total.

**Table 41  
2002 Associate Degree Awards by Major\***

<b>Major</b>	<b>Frequency</b>	<b>Percent</b>
1. TRANSFER STUDIES CSU	169	30.3%
2. LIBERAL ARTS-OPTION I	83	14.9%
3. BUSINESS ADMINISTRATION	34	6.1%
4. TRANSFER STUDIES-T.A.G. – UC	30	5.4%
5. FIRE PROTECTION TECHNOLOGY-FIRE PROTECTION	28	5.0%
6. FIRE PROTECTION TECHNOLOGY-FIRE TECHNOLOGY	19	3.4%
7. SELECTED STUDIES	17	3.0%
8. COMPUTER/INFORMATION SCIENCE	15	2.7%
9. PSYCHOLOGY	14	2.5%
10. ADMINISTRATION OF JUSTICE-LAW ENFORCEMENT	13	2.3%
11. TRANSFER STUDIES-I.G.E.T.C. – UC	12	2.2%
12. LEGAL ASSISTANT	9	1.6%
13. ACCOUNTING	8	1.4%
14. CHILD DEVELOPMENT	8	1.4%
15. ADMINISTRATION OF JUSTICE-CONTEMP. POLICE TECH	7	1.3%
16. LIBERAL ARTS – OPTION III	6	1.1%
17. LIBERAL ARTS – OPTION II	6	1.1%
18. MATHEMATICS	6	1.1%
19. ADMINISTRATION OF JUSTICE-INVESTIGATIONS	6	1.1%
20. TRANSFER STUDIES-I.G.E.T.C. – CSU	6	1.1%
<b>Other Majors</b>	<b>62</b>	<b>11.1%</b>
<b>TOTAL</b>	<b>558</b>	<b>100.0%</b>

\* This table includes disaggregated data for the top 20 most popular majors at Miramar College only. A complete listing of associate degree awards by major is provided in Appendix J.

**B. AWARDS BY MAJOR – Miramar College (continued)**

(Note: Data in this section are Duplicated)

**2. Certificate of Achievement (30+ units)**

- Of the total number certificate of achievement (30+ units) awards given in 2002, 14% were in Business Administration, followed by 12% in Administration of Justice-Technical Profession, 10% in Aviation Maintenance Technician, and 9% in Fire Protection Technology-Fire Protection Intermediate. The percentage of certificate of achievement (30+ units) awards in each of the remaining majors did not exceed 9% of the total.

**Table 42  
2002 Certificate of Achievement (30+ units) Awards by Major\***

Major	Frequency	Percent
1. BUSINESS ADMINISTRATION	18	14.5%
2. ADMINISTRATION OF JUSTICE – TECH PROF ADV OFCR	15	12.1%
3. AVIATION MAINTENANCE TECH-AIRFRAME	12	9.7%
4. FIRE PROTECTION TECHNOLOGY-FIRE PROTECTION INTERMED	11	8.9%
5. AVIATION MAINTENANCE TECH-POWERPLANT	10	8.1%
6. LEGAL ASSISTANT	9	7.3%
7. COMPUTER/INFORMATION SCIENCE	9	7.3%
8. DIESEL HEAVY DUTY TRANSM TECH	7	5.6%
9. DIESEL TECH-DIESEL EQUIP REPAIR	6	4.8%
10. DIESEL-HEAVY EQUIP TECH	3	2.4%
11. ADMINISTRATION OF JUSTICE-CONTEMP POLICE TECH	3	2.4%
12. AIRCRAFT MAINTENANCE TECH-AIRFRAME	3	2.4%
13. AIRCRAFT MAINTENANCE TECH-POWERPLANT	3	2.4%
14. FIRE PROTECTION TECHNOLOGY	2	1.6%
15. CHILD DEVELOPMENT MASTER TEACHER	2	1.6%
16. AVIATION OPERATIONS-MGT/PILOT	1	0.8%
17. FIRE TECHNOLOGY	1	0.8%
18. PHYSICAL SCIENCE-PHYSICS	1	0.8%
19. BUSINESS MANAGEMENT	1	0.8%
20. AVIATION MAINTENANCE-POWERPLANT	1	0.8%
<b>Other Majors</b>	6	4.8%
<b>TOTAL</b>	<b>124</b>	<b>100.0%</b>

\* This table includes disaggregated data for the top 20 most popular majors at Miramar College only. A complete listing of certificate of achievement (30+ units) awards by major is provided in Appendix K.

**B. AWARDS BY MAJOR – Miramar College (continued)**

(Note: Data in this section are Duplicated)

**3. Certificate of Achievement (18-29 units)**

- Of the certificate of achievement (18-29 units) recipients in 2002, Administration of Justice-Law Enforcement Technician was the most popular major (30%), followed by Child Development Associate Teacher (11%) and Business Administration (7%). The percentage of certificate of achievement (18-29 units) awards in each of the remaining majors did not exceed 6% of the total.

**Table 43  
2002 Certificate of Achievement (18-29 units) Awards by Major\***

Major	Frequency	Percent
1. ADMINISTRATION OF JUSTICE-LAW ENFORCEMENT TECH	77	29.3%
2. CHILD DEVELOPMENT ASSOCIATE TEACHER	29	11.0%
3. BUSINESS ADMINISTRATION	18	6.8%
4. CHILD DEVELOPMENT TEACHER	15	5.7%
5. AUTO TECH-AUTO BRAKES & SUSP	9	3.4%
6. ACCOUNTING	9	3.4%
7. FIRE PROTECTION TECHNOLOGY	9	3.4%
8. DIESEL TECH-ENGINE OVERH 4 STROK	9	3.4%
9. AUTO TECH-AUTO TRANSMISSION	8	3.0%
10. AUTO TECH-AUTO ENGINE	8	3.0%
11. AUTO TECH-AUTO ELECTRIC	8	3.0%
12. ADMINISTRATION OF JUSTICE-INVESTIGATIONS	8	3.0%
13. DIESEL TECH-ENGINE OVERH DETROIT	8	3.0%
14. DIESEL TECH-ENGINE REPAIR 4 DETROIT	8	3.0%
15. DIESEL TECH-ENGINE REPAIR DETROIT	7	2.7%
16. FIRE PROTECTION TECHNOLOGY-FIRE PROTECTION INTERMED	5	1.9%
17. LEGAL ASSISTANT	4	1.5%
18. COMPUTER BUSINESS TECH-ADMIN ASSISTANT	4	1.5%
19. AVIATION OPERATIONS-PILOT	4	1.5%
20. BUSINESS MANAGEMENT MORTGAGE BROKERAGE/BANKING	3	1.1%
<b>Other Majors</b>	<b>13</b>	<b>4.9%</b>
<b>TOTAL</b>	<b>263</b>	<b>100.0%</b>

\* This table includes disaggregated data for the top 20 most popular majors at Miramar College only. A complete listing of certificate of achievement (18-29 units) awards by major is provided in Appendix L.

## **C. AWARDS BY ETHNICITY – Miramar College**

*(Note: Data in this section are Duplicated)*

### **1. 2002 Degrees and Certificates Awarded by Ethnicity (Table 44)**

- Of the 945 degrees and certificates awarded by Miramar College in 2002, 46% of the recipients were white, 15% were Asian, 13% were Filipino, 13% were Latino, and 5% were African Americans. By comparison, the ethnic distribution of associate degree recipients revealed a higher percentage of Asian recipients (19%) and a lower percentage of Latino recipients lower (9%). For certificate of achievement (30+ units) recipients, the percentage of white recipients was notably higher (54%), while the percentage of Filipino recipients was lower (8%). The percentage of Latino certificate of achievement (18-29 units) recipients was significantly higher (21%).

### **2. Comparisons of Ethnicities of 2002 Degree and Certificate Recipients and Fall 2001 Student Population (Chart 29, Chart 30, and Chart 31)**

- The proportions of white certificate of achievement (30+ units) and certificate of achievement (18-29 units) recipients in 2002 were significantly higher than the corresponding proportion of whites in the fall 2001 Miramar College student population (certificate of achievement (30+ units), 54% of award recipients vs. 44% of population; certificate of achievement (18-29 units), 47% of award recipients vs. 44% of population).
- For Latino recipients in 2002, the proportion of certificate of achievement (18-29 units) recipients was notably higher than the corresponding proportion of Latinos in the fall 2001 Miramar College student population (21% of award recipients vs. 11% of population).
- Of the certificate of achievement (30+ units) and certificate of achievement (18-29 units) recipients in 2002, the proportion of Asian recipients was lower than the corresponding proportion of Asians in the fall 2001 Miramar College student population (certificate of achievement (30+ units), 13% of award recipients vs. 16% of population; certificate of achievement (18-29 units), 10% of award recipients vs. 16% of population).
- The proportion of Filipino certificate of achievement (30+ units) recipients in 2002 was lower than the corresponding proportion of Filipinos in the fall 2001 Miramar College student population (8% of award recipients vs. 13% of population).



3. **Comparisons of Ethnicities of Degree and Certificate Recipients: 2001 Awards vs. 2002 Awards (Chart 32, Chart 33, and Chart 34)**

- The percentage of Asian associate degree recipients in 2002 increased from the previous year (18% of 2002 award recipients vs. 15% of 2001 award recipients). By comparison, the percentage of Asian certificate of achievement (18-29 units) recipients had decreased from the previous year (10% of 2002 award recipients vs. 14% of 2001 award recipients).

**C. AWARDS BY ETHNICITY – Miramar College (continued)**

*(Note: Data in this section are Duplicated)*

- Of the 124 certificate of achievement (30+ units) recipients in 2002, the percentage of white award recipients was significantly higher than the corresponding percentage of white recipients in the previous year (54% of 2002 awards vs. 47% of 2001 awards).
- For Latino certificate of achievement (18-29 units) recipients in 2002, the percentage of recipients was significantly higher than the previous year (21% of 2002 awards vs. 14% of 2001 awards).
- The percentage of Filipino certificate of achievement (18-29 units) recipients in 2002 was notably lower than the corresponding percentage of Filipino recipients in the previous year (11% of 2002 awards vs. 14% of 2001 awards).

Table 44

2002 Degree and Certificate Recipients by Ethnicity - MIRAMAR COLLEGE

ETHNICITY	ASSOCIATE DEGREES		CERTIFICATE OF CERTIFICATE OF ACHIEVE.(30+units)		CERTIFICATE OF CERTIFICATE OF ACHIEVE.(18-29 units)		TOTAL AWARDS	
	2002 AWARDS		N	%	N	%	N	%
	N	%						
American Indian	4	0.7%	3	2.4%	6	2.3%	13	1.4%
Asian	103	18.5%	16	12.9%	26	9.9%	145	15.3%
African American	25	4.5%	9	7.3%	14	5.3%	48	5.1%
Filipino	84	15.1%	10	8.1%	28	10.6%	122	12.9%
Latino	52	9.3%	14	11.3%	55	20.9%	121	12.8%
White	244	43.7%	67	54.0%	124	47.1%	435	46.0%
Other	23	4.1%	2	1.6%	5	1.9%	30	3.2%
Unknown	23	4.1%	3	2.4%	5	1.9%	31	3.3%
TOTAL	558	100.0%	124	100.0%	263	100.0%	945	100.0%

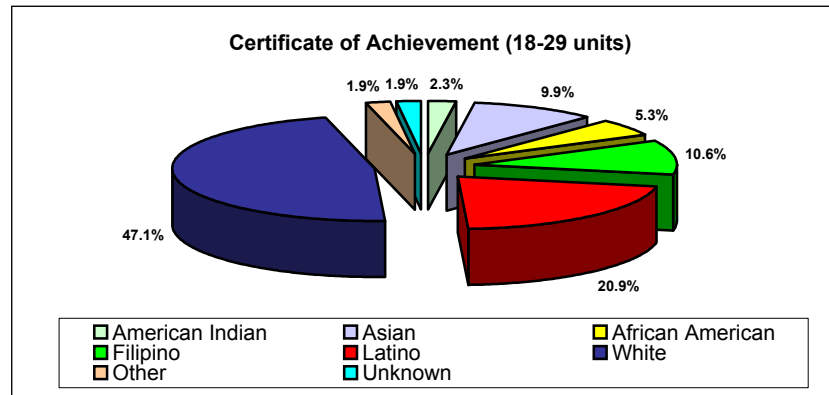
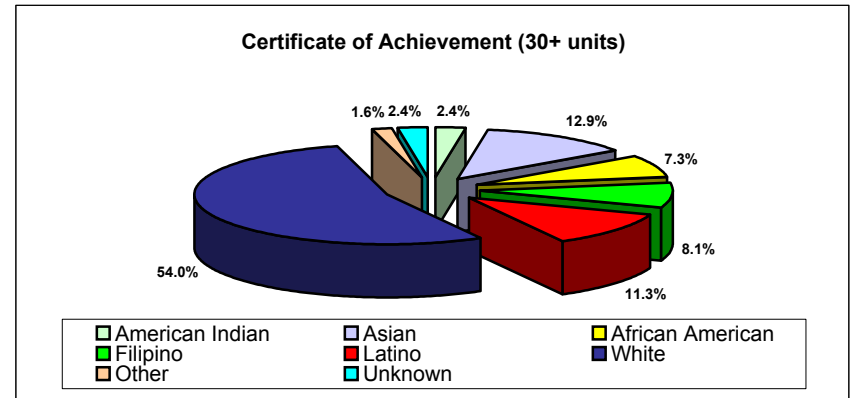
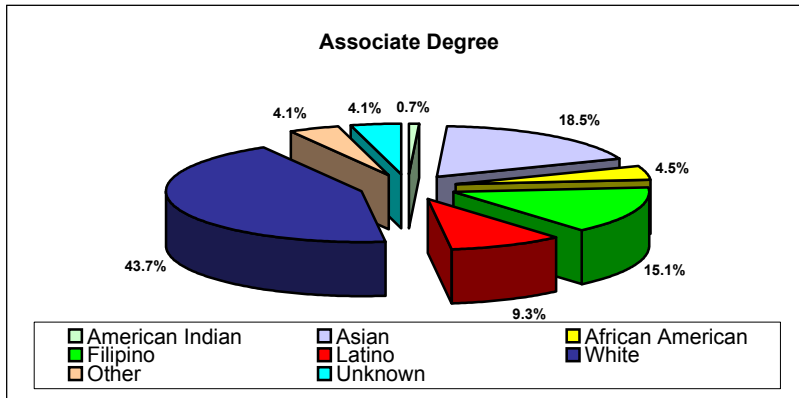


Chart 29

MIRAMAR COLLEGE  
Comparisons of Ethnicities of 2002 Associate Degree Recipients and Fall 2001 Student Population

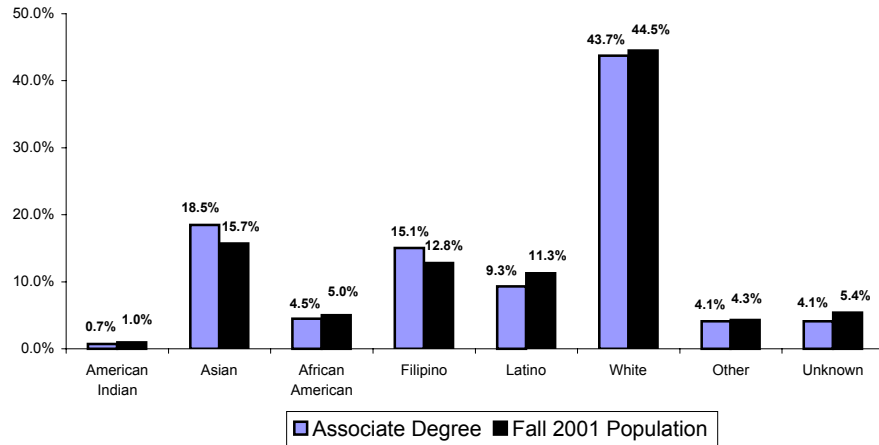


Chart 30

MIRAMAR COLLEGE  
Comparisons of Ethnicities of 2002 Certificate of Achievement (30+ units) Recipients and Fall 2001 Student Population

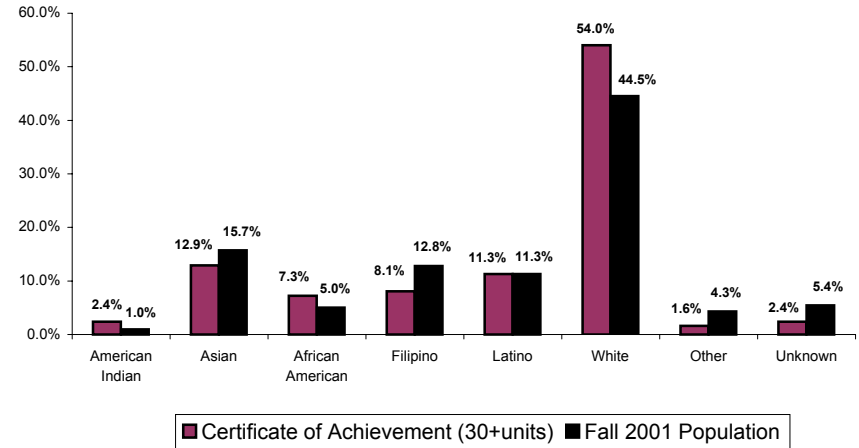


Chart 31

MIRAMAR COLLEGE  
Comparisons of Ethnicities of 2002 Certificate of Achievement (18-29 units) Recipients and Fall 2001 Student Population

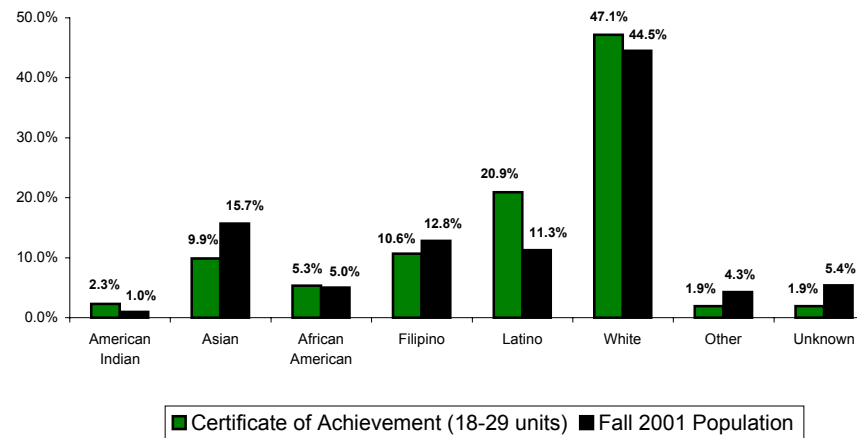


Chart 32

**MIRAMAR COLLEGE**  
**Comparisons of Ethnicities of Associate Degree Recipients:**  
**2001 Awards vs. 2002 Awards**

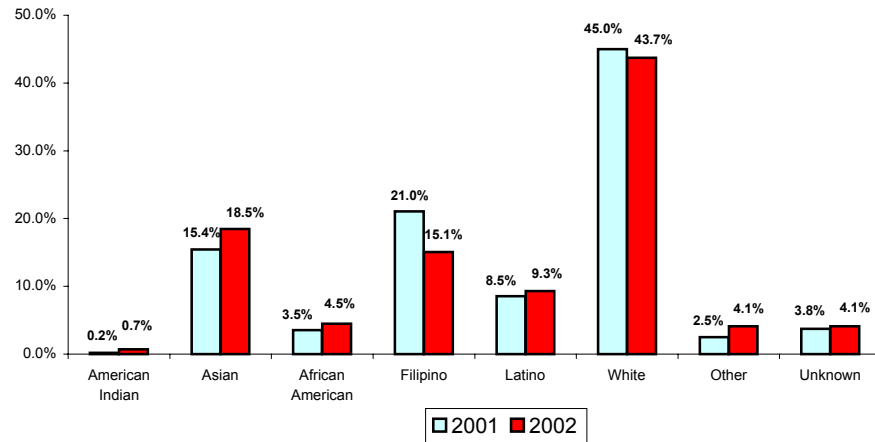


Chart 33

**MIRAMAR COLLEGE**  
**Comparisons of Ethnicities of 2001 Certificate of Achievement (30+ units) Recipients:**  
**2001 Awards vs. 2002 Awards**

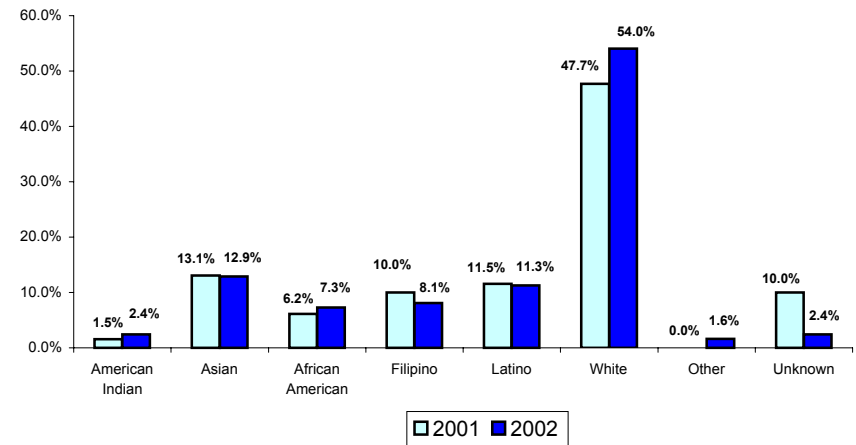
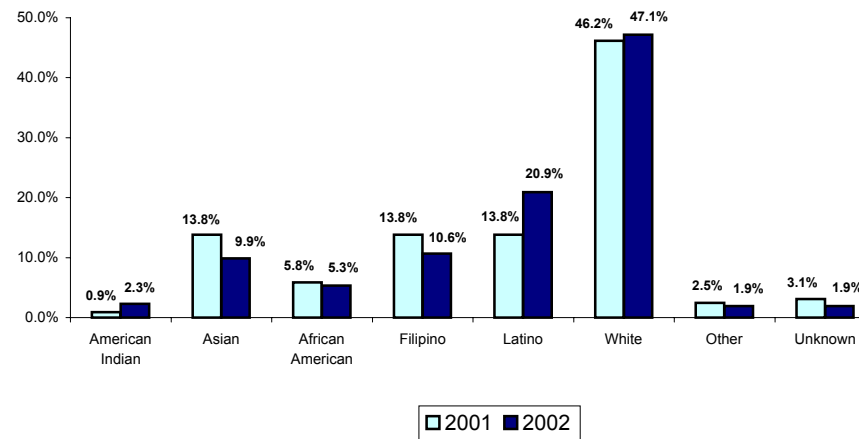


Chart 34

**MIRAMAR COLLEGE**  
**Comparisons of Ethnicities of Certificate of Achievement (18-29 units) Recipients:**  
**2001 Awards vs. 2002 Awards**



## **Part 2: Profile of Recipients**

### **A. RECIPIENT DEMOGRAPHICS – Miramar College**

*(Note: Data in this section are Unduplicated)*

#### **1. 2002 Degree and Certificate Award Recipients by Ethnicity (Table 45)**

- Of all award recipients in 2002, 45% were white, 16% were Asian, 14% were Filipino, 12% were Latino, and 5% were African American.

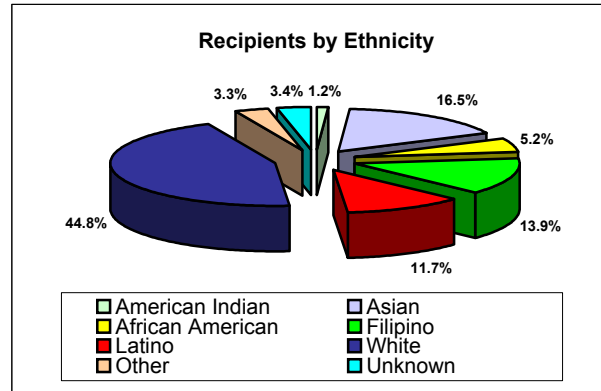
#### **2. 2002 Degree and Certificate Award Recipients by Gender (Table 46)**

- In 2002, males constituted a majority (54%) of the 728 award recipients.

**Table 45**

**2002 Degree and Certificate Award Recipients by Ethnicity - MIRAMAR COLLEGE**

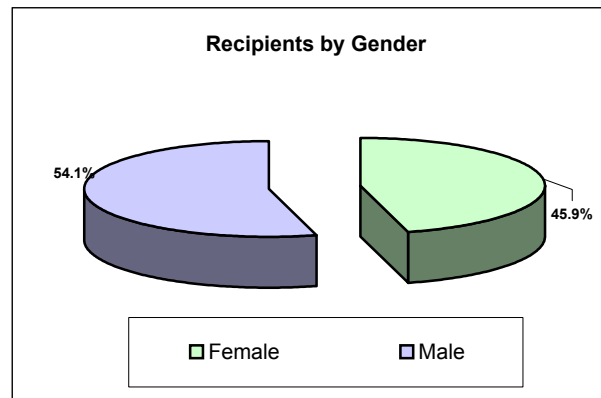
ETHNICITY	N	%
American Indian	9	1.2%
Asian	120	16.5%
African American	38	5.2%
Filipino	101	13.9%
Latino	85	11.7%
White	326	44.8%
Other	24	3.3%
Unknown	25	3.4%
<b>TOTAL</b>	<b>728</b>	<b>100.0%</b>



**Table 46**

**2002 Degree and Certificate Award Recipients by Gender - MIRAMAR COLLEGE**

GENDER	N	%
Female	334	45.9%
Male	394	54.1%
<b>TOTAL</b>	<b>728</b>	<b>100.0%</b>



## **B. SINGLE AND MULTIPLE AWARD RECIPIENTS – Miramar College**

*(Note: Data in this section are Unduplicated)*

### **1. 2002 Single and Multiple Award Recipients by Number of Awards Received (Table 47)**

- In 2002, 79% of the award recipients received one award, 16% received two awards, 3% received three awards, and the remaining 2% received four or more awards.

### **2. 2002 Single and Multiple Award Recipients by Award Type (Table 48)**

- Of the recipients who received one award in 2002, 70% of them received an associate degree, while only 8% received a certificate of achievement (30+ units) and 22% received a certificate of achievement (18-29 units).
- Of the 113 students who received two awards in 2002, 33% received an associate degree and a certificate of achievement (18-29 units), while 30% received an associate degree and a certificate of achievement (30+ units).
- Forty percent (40%) of the recipients with three awards received a combination of associate degrees and certificates of achievement (30+ units).

**Table 47**

**2002 Multiple Award Recipients by Number of Awards Received - MIRAMAR COLLEGE**

Number of Awards Received in 2002	N	%
One Award	575	79.0%
Two Awards	113	15.5%
Three Awards	25	3.4%
Four Awards	9	1.2%
Five Awards	3	0.4%
Six Awards	2	0.3%
Seven Awards	1	0.1%
Total	728	100.0%

**Table 48**

**2002 Multiple Award Recipients by Award Type - MIRAMAR COLLEGE**

Number of Awards Received in 2002	Associate Degrees Only		Certificates of Achievement (30+ units) Only		Certificates of Achievement (18-29 units) Only		Combination of Assoc. Deg. & C.of A.(30+units)		Combination of Assoc. Deg. & C.of A.(18-29units)		Combination of C.of A.(30+units) & C.of A.(18-29units)		Combination Assoc. Deg., C.of A.(30+ units) & C.of A.(18-29units)		TOTAL N
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	
One Award	405	70.4%	45	7.8%	125	21.7%									575
Two Awards	20	17.7%	3	2.7%	11	9.7%	34	30.1%	37	32.7%	8	7.1%			113
Three Awards	1	4.0%	0	0.0%	1	4.0%	10	40.0%	6	24.0%	4	16.0%	3	12.0%	25
Four Awards	0	0.0%	0	0.0%	7	77.8%	0	0.0%	1	11.1%	1	11.1%	0	0.0%	9
Five Awards	0	0.0%	0	0.0%	0	0.0%	1	33.3%	1	33.3%	0	0.0%	1	33.3%	3
Six Awards	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	2	100.0%	0	0.0%	2
Seven Awards	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	1	100.0%	0	0.0%	1
Total	426	58.5%	48	6.6%	144	19.8%	45	6.2%	45	6.2%	16	2.2%	4	0.5%	728



### **C. PREVIOUS AWARD STATUS<sup>11</sup> - Miramar College**

*(Note: Data in this section are Unduplicated)*

**1. 2002 Award Recipients: Previous Awards vs. No Previous Awards by Ethnicity (Table 49 and Chart 35)**

- Asian recipients represented a higher percentage of recipients with previous awards than their corresponding percentage among all 2002 award recipients (26% of previous award recipients vs. 16% of all award recipients).

**2. 2002 Award Recipients: Previous Awards vs. No Previous Awards by Gender (Table 50 and Chart 36)**

- Females represented 50% of the 2002 award recipients with previous awards, but represented only 46% of all 2002 award recipients.

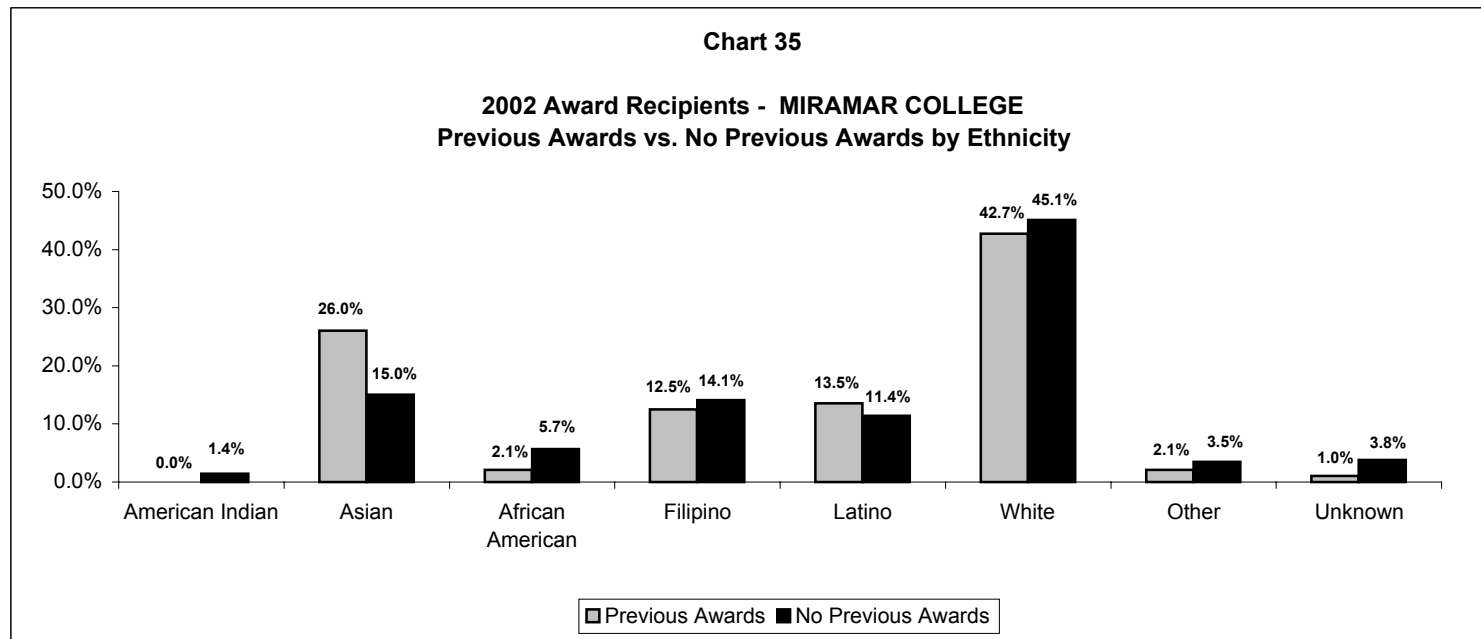
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<sup>11</sup> Recipients with previous awards include those with additional degrees and certificates received prior to 2002 (1950 to 2001).

**Table 49**

**2002 Award Recipients - MIRAMAR COLLEGE  
Previous Awards<sup>1</sup> vs. No Previous Awards by Ethnicity**

	Previous Awards		No Previous Awards		TOTAL	
	N	%	N	%	N	%
American Indian	0	0.0%	9	1.4%	9	1.2%
Asian	25	26.0%	95	15.0%	120	16.5%
African American	2	2.1%	36	5.7%	38	5.2%
Filipino	12	12.5%	89	14.1%	101	13.9%
Latino	13	13.5%	72	11.4%	85	11.7%
White	41	42.7%	285	45.1%	326	44.8%
Other	2	2.1%	22	3.5%	24	3.3%
Unknown	1	1.0%	24	3.8%	25	3.4%
<b>TOTAL</b>	<b>96</b>	<b>100.0%</b>	<b>632</b>	<b>100.0%</b>	<b>728</b>	<b>100.0%</b>

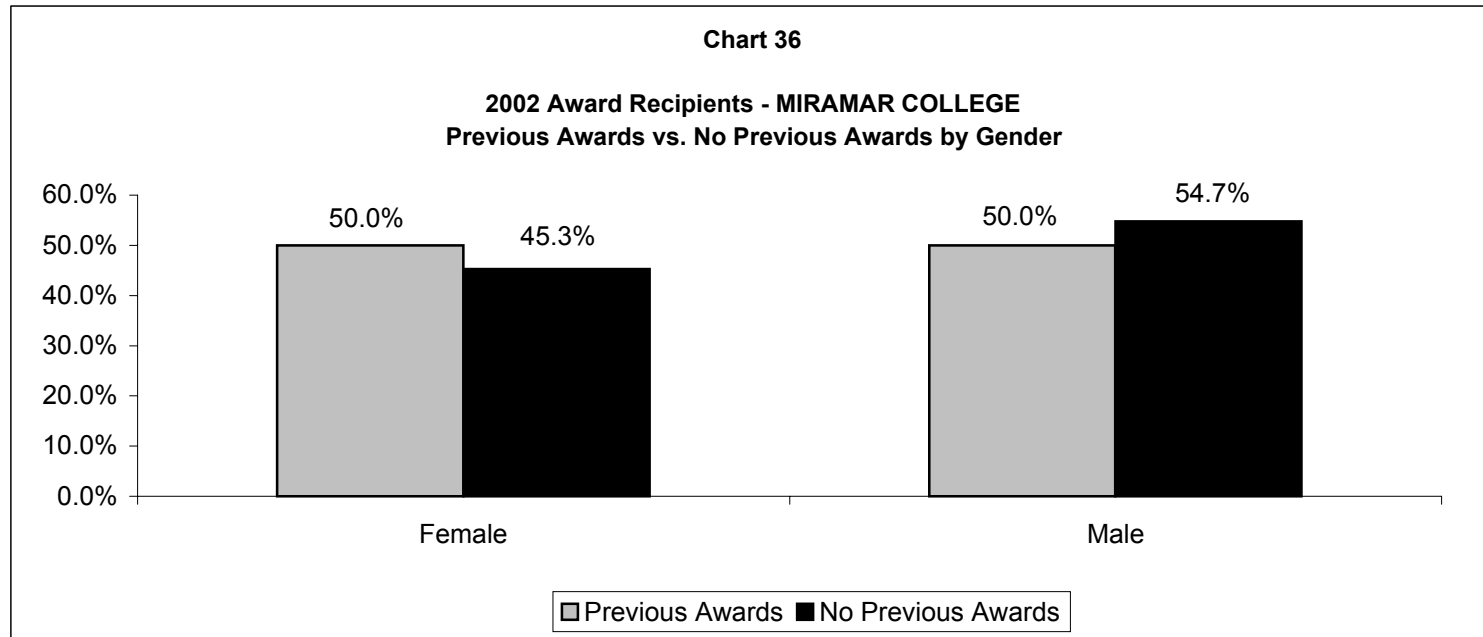


**Note 1:** Award recipients with additional degrees and certificates received prior to 2002 (1950 to 2001).

**Table 50**

**2002 Award Recipients - MIRAMAR COLLEGE  
Previous Awards<sup>1</sup> vs. No Previous Awards by Gender**

	Previous Awards		No Previous Awards		TOTAL	
	N	%	N	%	N	%
Female	48	50.0%	286	45.3%	334	45.9%
Male	48	50.0%	346	54.7%	394	54.1%
<b>TOTAL</b>	96	100.0%	632	100.0%	728	100.0%



**Note 1:** Award recipients with additional degrees and certificates received prior to 2002 (1950 to 2001).

## **D. AVERAGE NUMBER OF COMPLETED UNITS AND SEMESTERS<sup>12</sup> – Miramar College**

*(Note: Data in this section are Unduplicated)*

### **1. 2002 Award Recipients: Average Number of Units Completed by Ethnic Group (Table 51)**

- Of the 501 single award recipients<sup>12</sup> in 2002, 353 were associate degree recipients, 36 were certificate of achievement (30+ units) recipients and 112 were certificate of achievement (18-29 units) recipients.
- Associate degree recipients completed an average of 65 units, slightly higher than the 60 unit requirement for associate degrees. The average was similar for certificate of achievement (30+ units) recipients, who completed an average of 64 units even though only a minimum of 30 units are required for this certificate. Recipients of certificates of achievement (18-29 units) single award recipients of this type completed an average of 40 units.
- Comparisons by ethnic group showed Asian associate degree recipients with the highest average number of completed units (79 units). The number of certificate of achievement (30+ units) and certificate of achievement (18-29 units) recipients was too small to make adequate comparisons by ethnicity.

### **2. 2002 Award Recipients: Average Number of Semesters Completed by Ethnic Group (Table 52)**

- Of the single award recipients<sup>12</sup> in 2002, associate degree recipients completed an average of 9 semesters, while surprisingly, certificate of achievement (30+ units) recipients completed an average of 11 semesters. However, because of the small number of this type of certificate recipients (36), the results should be viewed with caution. The average number of semesters completed by certificate of achievement (18-29 units) recipients was 6 semesters.
- Analysis by ethnic group showed Asian associate degree recipients completing an average of 10 semesters, while the other groups all completed an average of 9 semesters. The number of certificate of achievement (30+ units) and certificate of achievement (18-29 units) recipients was too small to make sufficient comparisons by ethnicity.

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<sup>12</sup> Only those who received a single SDCCD award in 2002 (degree or certificate) and have no previous SDCCD awards (from 1950 to 2001) were included in the analysis.

**Table 51**  
**2002 Award Recipients - MIRAMAR COLLEGE**  
**Average Number of Units Completed by Ethnic Group<sup>1</sup>**

ETHNICITY	ASSOCIATE DEGREES		CERTIFICATE OF ACHIEVEMENT <sup>2</sup>		CERTIFICATE OF ACHIEVEMENT <sup>3</sup>	
	2002 Recipients		2002 Recipients		2002 Recipients	
	Average # of Units	N	Average # of Units	N	Average # of Units	N
American Indian	63.3	2	59.8	2	37.5	1
Asian	78.8	60	63.8	8	39.6	12
African American	50.6	16	71.7	3	33.0	9
Filipino	70.6	63	62.7	3	41.2	11
Latino	63.7	27	62.8	2	38.0	24
White	60.7	155	61.8	17	42.3	49
Other	61.0	15	90.0	1	44.0	1
Unknown	55.8	15	0.0	0	36.3	5
<b>TOTAL</b>	<b>65.2</b>	<b>353</b>	<b>63.9</b>	<b>36</b>	<b>40.0</b>	<b>112</b>

**Note 1:** Only those who received a single SDCCD award in 2002 (degree or certificate) and have no previous SDCCD awards (from 1950 to 2001) were included in the analysis.

**Note 2:** Includes only certificate of achievement programs that require 30 or more units.

**Note 3:** Includes only certificate of achievement programs that require between 18 and 29 units.

**Table 52**  
**2002 Award Recipients - MIRAMAR COLLEGE**  
**Average Number of Semesters Completed by Ethnic Group<sup>1</sup>**

ETHNICITY	ASSOCIATE DEGREES		CERTIFICATE OF ACHIEVEMENT <sup>2</sup>		CERTIFICATE OF ACHIEVEMENT <sup>3</sup>	
	2002 Recipients		2002 Recipients		2002 Recipients	
	Average # of Semesters	N	Average # of Semesters	N	Average # of Semesters	N
American Indian	7.5	2	11.0	2	3.0	1
Asian	10.3	60	8.3	8	5.2	12
African American	9.4	16	5.7	3	4.2	9
Filipino	9.2	63	12.0	3	5.9	11
Latino	9.1	27	17.0	2	5.2	24
White	8.7	155	12.6	17	6.3	49
Other	7.5	15	15.0	1	9.0	1
Unknown	6.9	15	0.0	0	7.4	5
<b>TOTAL</b>	<b>9.0</b>	<b>353</b>	<b>11.3</b>	<b>36</b>	<b>5.8</b>	<b>112</b>

**Note 1:** Only those who received a single SDCCD award in 2002 (degree or certificate) and have no previous SDCCD awards (from 1950 to 2001) were included in the analysis.

**Note 2:** Includes only certificate of achievement programs that require 30 or more units.

**Note 3:** Includes only certificate of achievement programs that require between 18 and 29 units.

# **Appendix A**

## **2002 Associate Degree Awards by Major Districtwide**

## Appendix A

### 2002 Associate Degree Awards by Major - DISTRICTWIDE

Major	Frequency	Percent
TRANSFER STUDIES CSU	537	22.8%
LIBERAL ARTS-OPTION I	345	14.6%
TRANSFER STUDIES-T.A.G. - UC	128	5.4%
SELECTED STUDIES	107	4.5%
TRANSFER STUDIES IGETC UC	93	3.9%
BUSINESS ADMINISTRATION	90	3.8%
TRANSFER STUDIES OTHER	77	3.3%
CHILD DEVELOPMENT	64	2.7%
NURSING EDUCATION RN	51	2.2%
PSYCHOLOGY	45	1.9%
BIOLOGY - ALLIED HEALTH	37	1.6%
COMPUTER/INFORMATION SCIENCE	32	1.4%
FIPT FIRE TECHNOLOGY	28	1.2%
ANIMAL HEALTH TECHNOLOGY	22	0.9%
MATHEMATICS	21	0.9%
BUS STUDIES SDSU BUSINESS ADM	21	0.9%
HEALTH INFORMATION TECHNOLOGY	20	0.8%
BEHAVIORAL SCI-ALCOHOL & DRUG	19	0.8%
TRANSFER STUDIES IGETC CSU	19	0.8%
FIPT FIRE PROTECTION	19	0.8%
BEHAVIORAL SCIENCE-PSYCHOLOGY	18	0.8%
BEHAVIORAL SCIENCE-SOCIOLOGY	18	0.8%
ELRN MICROPROC/CONTR DESIGN	17	0.7%
LIBERAL ARTS-OPTION II	16	0.7%
COMP BUS TECH-ADMIN ASSISTANT	16	0.7%
ACCOUNTING	15	0.6%
INTERIOR DESIGN	15	0.6%
AMERICAN SIGN LANGUAGE INTERP	13	0.6%
ADMIN OF JUST-LAW ENFORCEMENT	13	0.6%
LIBERAL ARTS - OPTION III	12	0.5%
AIR CONDITIONING/REFRIGERATION	12	0.5%
TRAVEL AIRLINE TRAVEL AGENCY	12	0.5%
ENGLISH	11	0.5%
BEHAVIORAL SCI-SOCIAL WORK	11	0.5%



## Appendix A

### 2002 Associate Degree Awards by Major - DISTRICTWIDE

Major	Frequency	Percent
MULTIMEDIA	11	0.5%
BIOLOGY	10	0.4%
VIS & PERF ART-ART GRAPHIC DES	10	0.4%
BUS STUDIES SM-BUS ACCOUNTING	10	0.4%
COMP & INFO SYS-INFO DECIS SYS	10	0.4%
LEGAL ASSISTANT	9	0.4%
FASHION-FASHION DESIGN	9	0.4%
HOTEL-MOTEL MANAGEMENT	9	0.4%
RADIOLOGIC TECHNOLOGY	9	0.4%
CMP BUS TECH MICROCMPUTER APPL	9	0.4%
COSMETOLOGY	8	0.3%
ELECTRONICS TECH-COMMUNICATION	8	0.3%
CHID DEVELOPMNT SITE SUPERVISR	8	0.3%
ADM OF JUS-CONTEMP. POLICE TEC	7	0.3%
FOREIGN LANGUAGE-SPANISH	7	0.3%
BUSINESS MANAGEMENT	7	0.3%
PHYSICAL THERAPIST ASST	7	0.3%
ADMIN OF JUST-INVESTIGATIONS	6	0.3%
ELECTRICITY	6	0.3%
LANGUAGES	6	0.3%
MACHINE TECHNOLOGY-CAM	6	0.3%
VIS & PERF ART-PHOTOGRAPHY	6	0.3%
BUS STUDIES LEGAL ASSISTANT	6	0.3%
COMP & INFO SYS-MICROCOMPUTER	6	0.3%
SOCIAL SCIENCE-HISTORY	5	0.2%
AUTOMOTIVE TECHNOLOGY	5	0.2%
CBTE INFO MANAGEMENT TECH	5	0.2%
AVIATION OPERATIONS - PILOT	5	0.2%
COMPUTER INFORMATION SYSTEMS	5	0.2%
OFF INFO SYS-MICROCOMPUTR APPL	4	0.2%
FIRE TECHNOLOGY	4	0.2%
PHYSICAL EDUCATION	4	0.2%
FOOD SERVICE OCCUPATIONS	4	0.2%
POLITICAL SCIENCE	4	0.2%

## Appendix A

### 2002 Associate Degree Awards by Major - DISTRICTWIDE

Major	Frequency	Percent
COMM RTV-VIDEO/FILM	4	0.2%
FIRE PROTECTION TECHNOLOGY	4	0.2%
BLDG TRDS-ELECTRICAL TRADE OPT	4	0.2%
DIESEL-HEAVY EQUIP. TECH.	3	0.1%
BLACK STUDIES	3	0.1%
SELECTED STUDIES/PRE-BAC/NURSE	3	0.1%
SOCIOLOGY	3	0.1%
BEHAVIORAL SCIENCE-ANTHRO	3	0.1%
ENGINEERING	3	0.1%
REAL ESTATE	3	0.1%
MEDICAL ASSISTING	3	0.1%
MANU TECH-AUTOM EQUIP TECH	3	0.1%
PHILOSOPHY	3	0.1%
VIS & PERF ART-MUSIC	3	0.1%
BUSINESS ADMIN SDSU OPTION	2	0.1%
DIESEL HEAVY DUTY TRANS TECH	2	0.1%
DRAMATIC ARTS	2	0.1%
BIOLOGY-HUMAN BIOLOGY	2	0.1%
ART-FINE ARTS-ART HISTORY	2	0.1%
ART-FINE ARTS-GRAPHIC COMM	2	0.1%
PHYSICAL SCIENCE GENERAL	2	0.1%
PHYSICAL SCIENCE-PHYSICS	2	0.1%
SOCIAL SCIENCES	2	0.1%
SOCIAL SCIENCE-POLITICAL SCI	2	0.1%
FASHION-FASHION MERCHANDISING	2	0.1%
BLDG CONST TECH-ELECTRICAL	2	0.1%
DENTAL ASSISTING	2	0.1%
ARCHITECTURE TECHNICIAN	2	0.1%
ARCHITECTURE	2	0.1%
VIS & PERF ART-2 DIMENSION ART	2	0.1%
COMM RTV-TELEVISION/NEWS	2	0.1%
COMM RTV-MULTIMEDIA	2	0.1%
COMMUNICATION SPEECH	2	0.1%
AIRCRAFT MAINT. TECH-AIRFRAME	2	0.1%

## Appendix A

### 2002 Associate Degree Awards by Major - DISTRICTWIDE

Major	Frequency	Percent
TRAVEL MTG CONV PLANNING	2	0.1%
CBTE MEDICAL BUSINESS ASST	2	0.1%
BUS STU COMP ASMBLY & REPAIR	2	0.1%
AVIATION OPERATIONS-MANAGEMENT	2	0.1%
AV MNT TECH-AIRFRAME/POWERPLNT	2	0.1%
AVIATION MAINT TECH-POWERPLANT	2	0.1%
AVIATION MAINT TECH-GEN STUD	2	0.1%
AVIATION OPERATIONS-MGT/PILOT	1	0.0%
BUS ADM SMALL BUSINESS ACCT	1	0.0%
BUS ADM SMALL BUSINESS MANGT	1	0.0%
BUSINESS ADMIN REAL ESTATE	1	0.0%
OFF INFO SYS-ADMIN ASST	1	0.0%
MACH TEC-MANUAL MACHINING	1	0.0%
CISC-MICROCOMPUTER PROFESNL	1	0.0%
REGISTERED DENTAL ASSISTANT	1	0.0%
CHICANO STUDIES	1	0.0%
ANTHROPOLOGY	1	0.0%
BIOLOGY	1	0.0%
BILINGUAL STUDIES	1	0.0%
ART-FINE ARTS-CERAMICS	1	0.0%
ART-FINE ARTS-DRAWING/PAINTING	1	0.0%
ART EDUCATION - NON-SPEC	1	0.0%
MUSIC	1	0.0%
BEHAVIORAL SCIENCE-GENERAL	1	0.0%
PHYS SCI-ENGINEERING	1	0.0%
SPEECH COMMUNICATIONS	1	0.0%
SOCIAL SCIENCE-PHILOSOPHY	1	0.0%
MARKETING	1	0.0%
AVIATION MAINTENANCE TECH	1	0.0%
ARCHITECTURE-LANDSCAPE	1	0.0%
BLDG CONST TECH-INSPECTION	1	0.0%
PROFESSIONAL HOUSEKEEPING MGMT	1	0.0%
WATER/WASTE WATER TEC-WATER TR	1	0.0%
WATER/WASTE WATER TEC OPERATOR	1	0.0%

## Appendix A

### 2002 Associate Degree Awards by Major - DISTRICTWIDE

Major	Frequency	Percent
ARCHITECTURE SURVY	1	0.0%
HISTORY	1	0.0%
VIS & PERF ART-3 DIMENSION ART	1	0.0%
COMM RTV-RADIO	1	0.0%
COMM RTV-MANAGEMENT	1	0.0%
BUS STUDIES SMALL BUS MGMT	1	0.0%
BIOLOGY - APPLIED BIOLOGY	1	0.0%
AIRCRAFT MAINT. TECH-POWRPLANT	1	0.0%
AIRCRAFT MNT TECH-AVIATION GENL	1	0.0%
ARCHITECTURE WOODBURY	1	0.0%
BUS ST ENTREPR & COMMUN SER	1	0.0%
LIBERAL ARTS 1 - GEOGRAPHY	1	0.0%
FIPT-FIRE PREVENTION	1	0.0%
FIPT OPEN WTR LIFEGUARD PROF	1	0.0%
FIPT - FIRE ADMINISTRATION	1	0.0%
COMPUTER BUSINESS TECHNOLOGY	1	0.0%
LANGUAGES - FRENCH	1	0.0%
SOLAR TURBINES-MASTER MACHNST	1	0.0%
SOLAR TURB-GAS TURB EXP MECH	1	0.0%
BEH SC HUM SRV ADLT/GERONTOLGY	1	0.0%
AVIATION MAINT TECH-AIRFRAME	1	0.0%
<b>Total</b>	<b>2356</b>	<b>100.0%</b>

**Appendix B**

**2002 Certificate of Achievement<sup>1</sup> (30+ units)**

**Awards by Major**

**Districtwide**

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<sup>1</sup> Includes only certificate of achievement programs that require 30 or more units.



## Appendix B

### 2002 Certificate of Achievement (30+ units) Awards by Major - DISTRICTWIDE

Major	Frequency	Percent
BUSINESS ADMINISTRATION	65	10.2%
COSMETOLOGY	60	9.4%
BEHAVIORAL SCI-ALCOHOL & DRUG	47	7.4%
BLDG TRDS-ELECTRICAL TRADE OPT	47	7.4%
COMPUTER/INFORMATION SCIENCE	25	3.9%
RADIOLOGIC TECHNOLOGY	24	3.8%
AIR CONDITIONING/REFRIGERATION	21	3.3%
ELRN MICROPROC/CONTR DESIGN	21	3.3%
SDG&E APPRENTICE LINEMAN	21	3.3%
INTERIOR DESIGN	18	2.8%
AMERICAN SIGN LANGUAGE INTERP	17	2.7%
ELECTRONICS TECH-COMMUNICATION	17	2.7%
ADM OF JUST-TECH PROF ADV OFCR	15	2.4%
PIPEFITTING APPRENTICE	13	2.0%
MEDICAL ASSISTING	12	1.9%
APPRENTICE PLUMBER	12	1.9%
AVIATION MAINT TECH-AIRFRAME	12	1.9%
FIPT-FIRE PROTECTION INTERMED	11	1.7%
FASHION-FASHION DESIGN	10	1.6%
HOTEL-MOTEL MANAGEMENT	10	1.6%
AVIATION MAINT TECH-POWERPLANT	10	1.6%
BLDG TRDS-SHEET METAL TRD OPT	10	1.6%
LEGAL ASSISTANT	9	1.4%
LIGHT RAIL VEHICLE LINEMAN	9	1.4%
SDG&E APP-ELEC REP SHOP MECH	9	1.4%
DIESEL HEAVY DUTY TRANS TECH	7	1.1%
MACHINE TECHNOLOGY-CAM	7	1.1%
CHILD DEVELOPMNT MASTER TEACHR	7	1.1%
DIESEL TECH-DIES EQUIP REPAIR	6	0.9%
BUSINESS MANAGEMENT	5	0.8%
MANU TECH-AUTOM EQUIP TECH	4	0.6%
DIESEL-HEAVY EQUIP. TECH.	3	0.5%
ADM OF JUS-CONTEMP. POLICE TEC	3	0.5%
AIRCOND/REF/HOSP/GEN MAINT TEC	3	0.5%

## Appendix B

### 2002 Certificate of Achievement (30+ units) Awards by Major - DISTRICTWIDE

Major	Frequency	Percent
PHYSICAL SCIENCE-PHYSICS	3	0.5%
FOOD SERVICE OCCUPATIONS	3	0.5%
BUS STUDIES LEGAL ASSISTANT	3	0.5%
AIRCRAFT MAINT. TECH-AIRFRAME	3	0.5%
AIRCRAFT MAINT. TECH-POWRPLANT	3	0.5%
MULTIMEDIA INTERACT MEDIA PROD	3	0.5%
BLDG TRDS-PIPEFITING TRADE OPT	3	0.5%
ELECTRICITY - ELEC LNMN	2	0.3%
ARCHITECTURE TECHNICIAN	2	0.3%
ARCHITECTURE	2	0.3%
BUS STUDIES SMALL BUS MGMT	2	0.3%
CERT PHYS ED-FITNESS SPECIALST	2	0.3%
FIRE PROTECTION TECHNOLOGY	2	0.3%
CHILD DEVELOPMENT TEACHER	2	0.3%
MILLING MACHINIST	2	0.3%
REVENUE MAINTAINER	2	0.3%
AVIATION OPERATIONS-MGT/PILOT	1	0.2%
FIRE TECHNOLOGY	1	0.2%
PHYS SCI-ENGINEERING	1	0.2%
FASHION-FASHION MERCHANDISING	1	0.2%
MARKETING	1	0.2%
AV MAINT-POWERPLANT	1	0.2%
AV MAINT-AIRFRAME STRUCTURE	1	0.2%
ADMIN OF JUST-INVESTIGATIONS	1	0.2%
ADMIN OF JUST-LAW ENFORCEMENT	1	0.2%
CHILD DEVELOPMENT	1	0.2%
ELECTRICITY	1	0.2%
WATER/WASTE WATER TEC OPERATOR	1	0.2%
ARCHITECTURE SURVY	1	0.2%
WATER/WASTEWTR TEC DIS/COL SYS	1	0.2%
VIS & PERF ART-ART GRAPHIC DES	1	0.2%
TRAVEL AIRLINE TRAVEL AGENCY	1	0.2%
ARCHITECTURE WOODBURY	1	0.2%
BUS ST ENTREPR & COMMUN SER	1	0.2%



## Appendix B

### 2002 Certificate of Achievement (30+ units) Awards by Major - DISTRICTWIDE

Major	Frequency	Percent
WAYSIDE ASSISTANT LINEMAN	1	0.2%
COSMETOLOGY-TEACHER TRAINING	1	0.2%
FIPT FIRE TECHNOLOGY	1	0.2%
AV MNT TECH-AIRFRAME/POWERPLNT	1	0.2%
ADM OF JUST-LAW ENFO TECH	1	0.2%
BLDG TRADES-HEAT VENT A/C	1	0.2%
SOLAR TURBINES-MASTER MACHNST	1	0.2%
SOLAR TURB-GAS TURB EXP MECH	1	0.2%
BEH SC HUM SRV ADLT/GERONTOLGY	1	0.2%
CONS TRDS-ELECTRICAL TRADE OPT	1	0.2%
BLDG TRDS-PLUMBING TRADE OPT	1	0.2%
<b>Total</b>	<b>638</b>	<b>100.0%</b>

## **Appendix C**

# **2002 Certificate of Achievement<sup>1</sup> (18-29 units) Awards by Major Districtwide**

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<sup>1</sup> Includes only certificate of achievement programs that require between 18 and 29 units.



## Appendix C

### 2002 Certificate of Achievement (18-29 units) Awards by Major - DISTRICTWIDE

Major	Frequency	Percent
CHILD DEVELOPMENT TEACHER	92	12.9%
CHILD DEVELOPMNT ASSOC TEACHER	87	12.2%
ADM OF JUST-LAW ENFO TECH	77	10.8%
BUSINESS ADMINISTRATION	31	4.4%
COMP BUS TECH-ADMIN ASSISTANT	30	4.2%
CERT PHYS ED-FITNESS SPECIALST	25	3.5%
ELECTRONICS TECHNOLOGY	21	3.0%
ELECTRICITY	20	2.8%
TRAVEL AIRLINE TRAVEL AGENCY	20	2.8%
HEAT/AC/VENT & AC/DESIGN	19	2.7%
ACCOUNTING	18	2.5%
DENTAL ASSISTING	17	2.4%
BLDG TRDS-PLUMBING TRADE OPT	15	2.1%
CMP BUS TECH MICROCMPUTER APPL	14	2.0%
INTERIOR DESIGN	13	1.8%
VIS & PERF ART-PHOTOGRAPHY	11	1.5%
AUTO TECH - AUTO BRAKES & SUSP	9	1.3%
WATER/WASTE WATER TEC OPERATOR	9	1.3%
FIPT FIRE TECHNOLOGY	9	1.3%
DIES TECH-ENGINE OVERH 4 STROK	9	1.3%
AUTO TECH - AUTO TRANSMISSION	8	1.1%
AUTO TECH - AUTO ENGINE	8	1.1%
AUTO TECH - AUTO ELECTRIC	8	1.1%
ADMIN OF JUST-INVESTIGATIONS	8	1.1%
VIS & PERF ART-ART GRAPHIC DES	8	1.1%
DIES TECH-ENGINE OVERH DETROIT	8	1.1%
DIES TECH-ENGINE REPAIR 4 DETR	8	1.1%
COMP & INFO SYS-MICROCOMPUTER	7	1.0%
CBTE INFO MANAGEMENT TECH	7	1.0%
DIES TECH-ENGINE REPAIR DETROI	7	1.0%
REAL ESTATE	6	0.8%
CHILD DEVELOPMENT	6	0.8%
ELECTRICITY - ELEC LNMN	5	0.7%
FIPT-FIRE PROTECTION INTERMED	5	0.7%

## Appendix C

### 2002 Certificate of Achievement (18-29 units) Awards by Major - DISTRICTWIDE

Major	Frequency	Percent
MACHINE TECHNOLOGY-CNC	4	0.6%
LEGAL ASSISTANT	4	0.6%
COMPUTER/INFORMATION SCIENCE	4	0.6%
BLDG CONST TECH-INSPECTION	4	0.6%
WATER/WASTEWTR TEC DIS/COL SYS	4	0.6%
AVIATION OPERATIONS - PILOT	4	0.6%
BUSMGT MORTGAGE BROKERAGE/BNKNG	3	0.4%
OFF INFO SYS-MICROCOMPUTR APPL	3	0.4%
WATER/WASTE WATER TEC-WATER TR	3	0.4%
BUS STUDIES LABOR STUDIES	3	0.4%
CBTE MEDICAL BUSINESS ASST	3	0.4%
FASHION-FASHION DESIGN	2	0.3%
ESCROW	2	0.3%
ADMIN OF JUST-LAW ENFORCEMENT	2	0.3%
ENGINEERING DRAFTING	2	0.3%
TRAVEL MTG CONV PLANNING	2	0.3%
CBTE MEDICL TRANSCRIPTION SPEC	2	0.3%
AVIATION MAINT TECH-GEN STUD	2	0.3%
BLDG CONST TECH-ELECTRICAL	1	0.1%
FOOD SERVICE OCCUPATIONS	1	0.1%
WATER/WASTE WATER TECHNOLOGY	1	0.1%
ARCHITECTURE TECHNICIAN	1	0.1%
ELECTRICAL CONTROL SYSTEMS	1	0.1%
BUS STUDIES LEGAL ASSISTANT	1	0.1%
CHILD DEVELOPMNT MASTER TEACHR	1	0.1%
CHID DEVELOPMNT SITE SUPERVISR	1	0.1%
AVIATION OPERATIONS-MANAGEMENT	1	0.1%
FIPT - FIRE ADMINISTRATION	1	0.1%
ADM OF JUST-LAW ENF SUPRVISION	1	0.1%
FIPT-FIRE PREVENTION INTERMED	1	0.1%
COMPUTER INFORMATION SYSTEMS	1	0.1%
<b>Total</b>	<b>711</b>	<b>100.0%</b>

## **Appendix D**

# **2002 Associate Degree Awards by Major City College**

## Appendix D

### 2002 Associate Degree Awards by Major - CITY COLLEGE

Major	Frequency	Percent
LIBERAL ARTS-OPTION I	139	22.0%
NURSING EDUCATION RN	51	8.1%
TRANSFER STUDIES CSU	48	7.6%
CHILD DEVELOPMENT	40	6.3%
BUS STUDIES SDSU BUSINESS ADM	21	3.3%
BEHAVIORAL SCI-ALCOHOL & DRUG	19	3.0%
BEHAVIORAL SCIENCE-PSYCHOLOGY	18	2.8%
BEHAVIORAL SCIENCE-SOCIOLOGY	18	2.8%
ELRN MICROPROC/CONTR DESIGN	17	2.7%
AIR CONDITIONING/REFRIGERATION	12	1.9%
BIOLOGY - ALLIED HEALTH	12	1.9%
BEHAVIORAL SCI-SOCIAL WORK	11	1.7%
VIS & PERF ART-ART GRAPHIC DES	10	1.6%
BUS STUDIES SM-BUS ACCOUNTING	10	1.6%
COMP & INFO SYS-INFO DECIS SYS	10	1.6%
SELECTED STUDIES	9	1.4%
MATHEMATICS	8	1.3%
COSMETOLOGY	8	1.3%
ELECTRONICS TECH-COMMUNICATION	8	1.3%
COMP BUS TECH-ADMIN ASSISTANT	8	1.3%
ENGLISH	7	1.1%
TRANSFER STUDIES-T.A.G. - UC	7	1.1%
TRANSFER STUDIES IGETC UC	7	1.1%
ELECTRICITY	6	0.9%
LANGUAGES	6	0.9%
MACHINE TECHNOLOGY-CAM	6	0.9%
VIS & PERF ART-PHOTOGRAPHY	6	0.9%
BUS STUDIES LEGAL ASSISTANT	6	0.9%
COMP & INFO SYS-MICROCOMPUTER	6	0.9%
COMPUTER INFORMATION SYSTEMS	5	0.8%
OFF INFO SYS-MICROCOMPUTR APPL	4	0.6%
PHYSICAL EDUCATION	4	0.6%
POLITICAL SCIENCE	4	0.6%
COMM RTV-VIDEO/FILM	4	0.6%

## Appendix D

### 2002 Associate Degree Awards by Major - CITY COLLEGE

Major	Frequency	Percent
BLDG TRDS-ELECTRICAL TRADE OPT	4	0.6%
LIBERAL ARTS-OPTION II	3	0.5%
SELECTED STUDIES/PRE-BAC/NURSE	3	0.5%
BEHAVIORAL SCIENCE-ANTHRO	3	0.5%
BUSINESS ADMINISTRATION	3	0.5%
ENGINEERING	3	0.5%
MANU TECH-AUTOM EQUIP TECH	3	0.5%
PHILOSOPHY	3	0.5%
VIS & PERF ART-MUSIC	3	0.5%
CHID DEVELOPMNT SITE SUPERVISR	3	0.5%
CMP BUS TECH MICROCMPUTER APPL	3	0.5%
BUSINESS ADMIN SDSU OPTION	2	0.3%
LIBERAL ARTS - OPTION III	2	0.3%
BLACK STUDIES	2	0.3%
BIOLOGY	2	0.3%
BUSINESS MANAGEMENT	2	0.3%
VIS & PERF ART-2 DIMENSION ART	2	0.3%
COMM RTV-TELIVISION/NEWS	2	0.3%
COMM RTV-MULTIMEDIA	2	0.3%
COMMUNICATION SPEECH	2	0.3%
TRANSFER STUDIES OTHER	2	0.3%
TRANSFER STUDIES IGETC CSU	2	0.3%
BUS STU COMP ASMBLY & REPAIR	2	0.3%
BUS ADM SMALL BUSINESS ACCT	1	0.2%
BUS ADM SMALL BUSINESS MANGT	1	0.2%
BUSINESS ADMIN REAL ESTATE	1	0.2%
MACH TEC-MANUAL MACHINING	1	0.2%
CHICANO STUDIES	1	0.2%
BILINGUAL STUDIES	1	0.2%
BEHAVIORAL SCIENCE-GENERAL	1	0.2%
ACCOUNTING	1	0.2%
COMPUTER/INFORMATION SCIENCE	1	0.2%
PROFESSIONAL HOUSEKEEPING MGMT	1	0.2%
HISTORY	1	0.2%



## Appendix D

### 2002 Associate Degree Awards by Major - CITY COLLEGE

Major	Frequency	Percent
VIS & PERF ART-3 DIMENSION ART	1	0.2%
COMM RTV-RADIO	1	0.2%
COMM RTV-MANAGEMENT	1	0.2%
BUS STUDIES SMALL BUS MGMT	1	0.2%
BIOLOGY - APPLIED BIOLOGY	1	0.2%
BUS ST ENTREPR & COMMUN SER	1	0.2%
SOLAR TURBINES-MASTER MACHNST	1	0.2%
SOLAR TURB-GAS TURB EXP MECH	1	0.2%
BEH SC HUM SRV ADLT/GERONTOLGY	1	0.2%
<b>Total</b>	<b>633</b>	<b>100.0%</b>

## **Appendix E**

# **2002 Certificate of Achievement<sup>1</sup> (30+ units) Awards by Major City College**

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<sup>1</sup> Includes only certificate of achievement programs that require 30 or more units.



## Appendix E

### 2002 Certificate of Achievement (30+ units) Awards by Major - CITY COLLEGE

Major	Frequency	Percent
COSMETOLOGY	60	18.0%
BEHAVIORAL SCI-ALCOHOL & DRUG	47	14.1%
BLDG TRDS-ELECTRICAL TRADE OPT	47	14.1%
AIR CONDITIONING/REFRIGERATION	21	6.3%
ELRN MICROPROC/CONTR DESIGN	21	6.3%
SDG&E APPRENTICE LINEMAN	21	6.3%
ELECTRONICS TECH-COMMUNICATION	17	5.1%
PIPEFITTING APPRENTICE	13	3.9%
APPRENTICE PLUMBER	12	3.6%
BLDG TRDS-SHEET METAL TRD OPT	10	3.0%
LIGHT RAIL VEHICLE LINEMAN	9	2.7%
SDG&E APP-ELEC REP SHOP MECH	9	2.7%
MACHINE TECHNOLOGY-CAM	7	2.1%
MANU TECH-AUTOM EQUIP TECH	4	1.2%
AIRCOND/REF/HOSP/GEN MAINT TEC	3	0.9%
BUS STUDIES LEGAL ASSISTANT	3	0.9%
CHILD DEVELOPMNT MASTER TEACHR	3	0.9%
BLDG TRDS-PIPEFITTING TRADE OPT	3	0.9%
ELECTRICITY - ELEC LNMN	2	0.6%
BUS STUDIES SMALL BUS MGMT	2	0.6%
CERT PHYS ED-FITNESS SPECIALST	2	0.6%
MILLING MACHINIST	2	0.6%
REVENUE MAINTAINER	2	0.6%
CHILD DEVELOPMENT	1	0.3%
ELECTRICITY	1	0.3%
VIS & PERF ART-ART GRAPHIC DES	1	0.3%
CHILD DEVELOPMENT TEACHER	1	0.3%
BUS ST ENTREPR & COMMUN SER	1	0.3%
WAYSIDE ASSISTANT LINEMAN	1	0.3%
COSMETOLOGY-TEACHER TRAINING	1	0.3%
BLDG TRADES-HEAT VENT A/C	1	0.3%
SOLAR TURBINES-MASTER MACHNST	1	0.3%
SOLAR TURB-GAS TURB EXP MECH	1	0.3%
BEH SC HUM SRV ADLT/GERONTOLGY	1	0.3%
CONS TRDS-ELECTRICAL TRADE OPT	1	0.3%
BLDG TRDS-PLUMBING TRADE OPT	1	0.3%
<b>Total</b>	<b>333</b>	<b>100.0%</b>

## **Appendix F**

# **2002 Certificate of Achievement<sup>1</sup> (18-29 Units) Awards by Major City College**

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<sup>1</sup> Includes only certificate of achievement programs that require between 18 and 29 units.



## Appendix F

### 2002 Certificate of Achievement (18-29 units) Awards by Major - CITY COLLEGE

Major	Frequency	Percent
CHILD DEVELOPMENT TEACHER	66	24.7%
CHILD DEVELOPMNT ASSOC TEACHER	47	17.6%
ELECTRONICS TECHNOLOGY	21	7.9%
ELECTRICITY	20	7.5%
HEAT/AC/VENT & AC/DESIGN	19	7.1%
COMP BUS TECH-ADMIN ASSISTANT	15	5.6%
BLDG TRDS-PLUMBING TRADE OPT	15	5.6%
VIS & PERF ART-PHOTOGRAPHY	11	4.1%
CERT PHYS ED-FITNESS SPECIALST	9	3.4%
VIS & PERF ART-ART GRAPHIC DES	8	3.0%
COMP & INFO SYS-MICROCOMPUTER	7	2.6%
CHILD DEVELOPMENT	5	1.9%
ELECTRICITY - ELEC LNMN	5	1.9%
MACHINE TECHNOLOGY-CNC	4	1.5%
OFF INFO SYS-MICROCOMPUTR APPL	3	1.1%
BUS STUDIES LABOR STUDIES	3	1.1%
CMP BUS TECH MICROCMPUTER APPL	3	1.1%
ENGINEERING DRAFTING	2	0.7%
ELECTRICAL CONTROL SYSTEMS	1	0.4%
BUS STUDIES LEGAL ASSISTANT	1	0.4%
CHILD DEVELOPMNT MASTER TEACHR	1	0.4%
COMPUTER INFORMATION SYSTEMS	1	0.4%
<b>Total</b>	<b>267</b>	<b>100.0%</b>

## **Appendix G**

# **2002 Associate Degree Awards by Major Mesa College**



## Appendix G

### 2002 Associate Degree Awards by Major - MESA COLLEGE

Major	Frequency	Percent
TRANSFER STUDIES CSU	320	27.5%
LIBERAL ARTS-OPTION I	123	10.6%
TRANSFER STUDIES-T.A.G. - UC	91	7.8%
SELECTED STUDIES	81	7.0%
TRANSFER STUDIES OTHER	74	6.4%
TRANSFER STUDIES IGETC UC	74	6.4%
BUSINESS ADMINISTRATION	53	4.5%
PSYCHOLOGY	31	2.7%
ANIMAL HEALTH TECHNOLOGY	22	1.9%
HEALTH INFORMATION TECHNOLOGY	20	1.7%
BIOLOGY - ALLIED HEALTH	20	1.7%
COMPUTER/INFORMATION SCIENCE	16	1.4%
CHILD DEVELOPMENT	16	1.4%
INTERIOR DESIGN	15	1.3%
AMERICAN SIGN LANGUAGE INTERP	13	1.1%
TRAVEL AIRLINE TRAVEL AGENCY	12	1.0%
MULTIMEDIA	11	0.9%
TRANSFER STUDIES IGETC CSU	11	0.9%
FASHION-FASHION DESIGN	9	0.8%
HOTEL-MOTEL MANAGEMENT	9	0.8%
RADIOLOGIC TECHNOLOGY	9	0.8%
FOREIGN LANGUAGE-SPANISH	7	0.6%
LIBERAL ARTS-OPTION II	7	0.6%
MATHEMATICS	7	0.6%
PHYSICAL THERAPIST ASST	7	0.6%
COMP BUS TECH-ADMIN ASSISTANT	7	0.6%
BIOLOGY	6	0.5%
ACCOUNTING	6	0.5%
CMP BUS TECH MICROCOMPUTER APPL	6	0.5%
CHID DEVELOPMNT SITE SUPERVISR	5	0.4%
CBTE INFO MANAGEMENT TECH	5	0.4%
LIBERAL ARTS - OPTION III	4	0.3%
BUSINESS MANAGEMENT	4	0.3%
FOOD SERVICE OCCUPATIONS	4	0.3%
ENGLISH	3	0.3%

## Appendix G

### 2002 Associate Degree Awards by Major - MESA COLLEGE

Major	Frequency	Percent
SOCIOLOGY	3	0.3%
SOCIAL SCIENCE-HISTORY	3	0.3%
REAL ESTATE	3	0.3%
MEDICAL ASSISTING	3	0.3%
DRAMATIC ARTS	2	0.2%
ART-FINE ARTS-ART HISTORY	2	0.2%
ART-FINE ARTS-GRAPHIC COMM	2	0.2%
PHYSICAL SCIENCE-PHYSICS	2	0.2%
SOCIAL SCIENCES	2	0.2%
SOCIAL SCIENCE-POLITICAL SCI	2	0.2%
FASHION-FASHION MERCHANDISING	2	0.2%
BLDG CONST TECH-ELECTRICAL	2	0.2%
DENTAL ASSISTING	2	0.2%
ARCHITECTURE TECHNICIAN	2	0.2%
ARCHITECTURE	2	0.2%
TRAVEL MTG CONV PLANNING	2	0.2%
CBTE MEDICAL BUSINESS ASST	2	0.2%
CISC-MICROCOMPUTER PROFESNL	1	0.1%
REGISTERED DENTAL ASSISTANT	1	0.1%
ANTHROPOLOGY	1	0.1%
BLACK STUDIES	1	0.1%
ART-FINE ARTS-CERAMICS	1	0.1%
ART-FINE ARTS-DRAWING/PAINTING	1	0.1%
MUSIC	1	0.1%
PHYS SCI-ENGINEERING	1	0.1%
SPEECH COMMUNICATIONS	1	0.1%
SOCIAL SCIENCE-PHILOSOPHY	1	0.1%
MARKETING	1	0.1%
ARCHITECTURE-LANDSCAPE	1	0.1%
BLDG CONST TECH-INSPECTION	1	0.1%
WATER/WASTE WATER TEC-WATER TR	1	0.1%
WATER/WASTE WATER TEC OPERATOR	1	0.1%
ARCHITECTURE SURVY	1	0.1%
ARCHITECTURE WOODBURY	1	0.1%
COMPUTER BUSINESS TECHNOLOGY	1	0.1%
LANGUAGES - FRENCH	1	0.1%
<b>Total</b>	<b>1165</b>	<b>100.0%</b>

## **Appendix H**

# **2002 Certificate of Achievement<sup>1</sup> (30+ units) Awards by Major Mesa College**

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<sup>1</sup> Includes only certificate of achievement programs that require 30 or more units.



## Appendix H

### 2002 Certificate of Achievement (30+ units) Awards by Major - MESA COLLEGE

Major	Frequency	Percent
BUSINESS ADMINISTRATION	47	26.0%
RADIOLOGIC TECHNOLOGY	24	13.3%
INTERIOR DESIGN	18	9.9%
AMERICAN SIGN LANGUAGE INTERP	17	9.4%
COMPUTER/INFORMATION SCIENCE	16	8.8%
MEDICAL ASSISTING	12	6.6%
FASHION-FASHION DESIGN	10	5.5%
HOTEL-MOTEL MANAGEMENT	10	5.5%
BUSINESS MANAGEMENT	4	2.2%
FOOD SERVICE OCCUPATIONS	3	1.7%
MULTIMEDIA INTERACT MEDIA PROD	3	1.7%
PHYSICAL SCIENCE-PHYSICS	2	1.1%
ARCHITECTURE TECHNICIAN	2	1.1%
ARCHITECTURE	2	1.1%
CHILD DEVELOPMNT MASTER TEACHR	2	1.1%
PHYS SCI-ENGINEERING	1	0.6%
FASHION-FASHION MERCHANDISING	1	0.6%
MARKETING	1	0.6%
WATER/WASTE WATER TEC OPERATOR	1	0.6%
ARCHITECTURE SURVY	1	0.6%
WATER/WASTEWTR TEC DIS/COL SYS	1	0.6%
TRAVEL AIRLINE TRAVEL AGENCY	1	0.6%
CHILD DEVELOPMENT TEACHER	1	0.6%
ARCHITECTURE WOODBURY	1	0.6%
<b>Total</b>	<b>181</b>	<b>100.0%</b>

# **Appendix I**

## **2002 Certificate of Achievement<sup>1</sup> (18-29 units) Awards by Major Mesa College**

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<sup>1</sup> Includes only certificate of achievement programs that require between 18 and 29 units.



## Appendix I

### 2002 Certificate of Achievement (18-29 units) Awards by Major - MESA COLLEGE

Major	Frequency	Percent
TRAVEL AIRLINE TRAVEL AGENCY	20	11.0%
DENTAL ASSISTING	17	9.4%
CERT PHYS ED-FITNESS SPECIALST	16	8.8%
BUSINESS ADMINISTRATION	13	7.2%
INTERIOR DESIGN	13	7.2%
CHILD DEVELOPMNT ASSOC TEACHER	11	6.1%
CHILD DEVELOPMENT TEACHER	11	6.1%
COMP BUS TECH-ADMIN ASSISTANT	11	6.1%
CMP BUS TECH MICROCMPUTER APPL	10	5.5%
ACCOUNTING	9	5.0%
WATER/WASTE WATER TEC OPERATOR	9	5.0%
CBTE INFO MANAGEMENT TECH	7	3.9%
REAL ESTATE	6	3.3%
BLDG CONST TECH-INSPECTION	4	2.2%
WATER/WASTEWTR TEC DIS/COL SYS	4	2.2%
WATER/WASTE WATER TEC-WATER TR	3	1.7%
CBTE MEDICAL BUSINESS ASST	3	1.7%
FASHION-FASHION DESIGN	2	1.1%
ESCROW	2	1.1%
TRAVEL MTG CONV PLANNING	2	1.1%
CBTE MEDICL TRANSCRIPTION SPEC	2	1.1%
COMPUTER/INFORMATION SCIENCE	1	0.6%
BLDG CONST TECH-ELECTRICAL	1	0.6%
FOOD SERVICE OCCUPATIONS	1	0.6%
WATER/WASTE WATER TECHNOLOGY	1	0.6%
ARCHITECTURE TECHNICIAN	1	0.6%
CHID DEVELOPMNT SITE SUPERVISR	1	0.6%
<b>Total</b>	<b>181</b>	<b>100.0%</b>



## **Appendix J**

# **2002 Associate Degree Awards by Major Miramar College**

## Appendix J

### 2002 Associate Degree Awards by Major - MIRAMAR COLLEGE

Major	Frequency	Percent
TRANSFER STUDIES CSU	169	30.3%
LIBERAL ARTS-OPTION I	83	14.9%
BUSINESS ADMINISTRATION	34	6.1%
TRANSFER STUDIES-T.A.G. - UC	30	5.4%
FIPT FIRE TECHNOLOGY	28	5.0%
FIPT FIRE PROTECTION	19	3.4%
SELECTED STUDIES	17	3.0%
COMPUTER/INFORMATION SCIENCE	15	2.7%
PSYCHOLOGY	14	2.5%
ADMIN OF JUST-LAW ENFORCEMENT	13	2.3%
TRANSFER STUDIES IGETC UC	12	2.2%
LEGAL ASSISTANT	9	1.6%
ACCOUNTING	8	1.4%
CHILD DEVELOPMENT	8	1.4%
ADM OF JUS-CONTEMP. POLICE TEC	7	1.3%
LIBERAL ARTS - OPTION III	6	1.1%
LIBERAL ARTS-OPTION II	6	1.1%
MATHEMATICS	6	1.1%
ADMIN OF JUST-INVESTIGATIONS	6	1.1%
TRANSFER STUDIES IGETC CSU	6	1.1%
AUTOMOTIVE TECHNOLOGY	5	0.9%
BIOLOGY - ALLIED HEALTH	5	0.9%
AVIATION OPERATIONS - PILOT	5	0.9%
FIRE TECHNOLOGY	4	0.7%
FIRE PROTECTION TECHNOLOGY	4	0.7%
DIESEL-HEAVY EQUIP. TECH.	3	0.5%
DIESEL HEAVY DUTY TRANS TECH	2	0.4%
BIOLOGY	2	0.4%
BIOLOGY-HUMAN BIOLOGY	2	0.4%
PHYSICAL SCIENCE GENERAL	2	0.4%
SOCIAL SCIENCE-HISTORY	2	0.4%
AIRCRAFT MAINT. TECH-AIRFRAME	2	0.4%
AVIATION OPERATIONS-MANAGEMENT	2	0.4%
AV MNT TECH-AIRFRAME/POWERPLNT	2	0.4%

## Appendix J

### 2002 Associate Degree Awards by Major - MIRAMAR COLLEGE

Major	Frequency	Percent
AVIATION MAINT TECH-POWERPLANT	2	0.4%
AVIATION MAINT TECH-GEN STUD	2	0.4%
AVIATION OPERATIONS-MGT/PILOT	1	0.2%
OFF INFO SYS-ADMIN ASST	1	0.2%
ENGLISH	1	0.2%
BIOLOGY	1	0.2%
ART EDUCATION - NON-SPEC	1	0.2%
BUSINESS MANAGEMENT	1	0.2%
AVIATION MAINTENANCE TECH	1	0.2%
AIRCRAFT MAINT. TECH-POWERPLANT	1	0.2%
AIRCRAFT MNT TECH-AVIATION GENL	1	0.2%
TRANSFER STUDIES OTHER	1	0.2%
COMP BUS TECH-ADMIN ASSISTANT	1	0.2%
LIBERAL ARTS 1 - GEOGRAPHY	1	0.2%
FIPT-FIRE PREVENTION	1	0.2%
FIPT OPEN WTR LIFEGUARD PROF	1	0.2%
FIPT - FIRE ADMINISTRATION	1	0.2%
AVIATION MAINT TECH-AIRFRAME	1	0.2%
<b>Total</b>	<b>558</b>	<b>100.0%</b>

# **Appendix K**

## **2002 Certificate of Achievement<sup>1</sup> (30+ units) Awards by Major Miramar College**

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<sup>1</sup> Includes only certificate of achievement programs that require 30 or more units.



## Appendix K

### 2002 Certificate of Achievement (30+ units) Awards by Major - MIRAMAR COLLEGE

Major	Frequency	Percent
BUSINESS ADMINISTRATION	18	14.5%
ADM OF JUST-TECH PROF ADV OFCR	15	12.1%
AVIATION MAINT TECH-AIRFRAME	12	9.7%
FIPT-FIRE PROTECTION INTERMED	11	8.9%
AVIATION MAINT TECH-POWERPLANT	10	8.1%
LEGAL ASSISTANT	9	7.3%
COMPUTER/INFORMATION SCIENCE	9	7.3%
DIESEL HEAVY DUTY TRANS TECH	7	5.6%
DIESEL TECH-DIES EQUIP REPAIR	6	4.8%
DIESEL-HEAVY EQUIP. TECH.	3	2.4%
ADM OF JUS-CONTEMP. POLICE TEC	3	2.4%
AIRCRAFT MAINT. TECH-AIRFRAME	3	2.4%
AIRCRAFT MAINT. TECH-POWRPLANT	3	2.4%
FIRE PROTECTION TECHNOLOGY	2	1.6%
CHILD DEVELOPMNT MASTER TEACHR	2	1.6%
AVIATION OPERATIONS-MGT/PILOT	1	0.8%
FIRE TECHNOLOGY	1	0.8%
PHYSICAL SCIENCE-PHYSICS	1	0.8%
BUSINESS MANAGEMENT	1	0.8%
AV MAINT-POWERPLANT	1	0.8%
AV MAINT-AIRFRAME STRUCTURE	1	0.8%
ADMIN OF JUST-INVESTIGATIONS	1	0.8%
ADMIN OF JUST-LAW ENFORCEMENT	1	0.8%
FIPT FIRE TECHNOLOGY	1	0.8%
AV MNT TECH-AIRFRAME/POWERPLNT	1	0.8%
ADM OF JUST-LAW ENFO TECH	1	0.8%
<b>Total</b>	<b>124</b>	<b>100.0%</b>

## **Appendix L**

# **2002 Certificate of Achievement<sup>1</sup> (18-29 units) Awards by Major Miramar College**

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<sup>1</sup> Includes only certificate of achievement programs that require between 18 and 29 units.





## Appendix L

### 2002 Certificate of Achievement (18-29 units) Awards by Major - MIRAMAR COLLEGE

Major	Frequency	Percent
ADM OF JUST-LAW ENFO TECH	77	29.3%
CHILD DEVELOPMNT ASSOC TEACHER	29	11.0%
BUSINESS ADMINISTRATION	18	6.8%
CHILD DEVELOPMENT TEACHER	15	5.7%
AUTO TECH - AUTO BRAKES & SUSP	9	3.4%
ACCOUNTING	9	3.4%
FIPT FIRE TECHNOLOGY	9	3.4%
DIES TECH-ENGINE OVERH 4 STROK	9	3.4%
AUTO TECH - AUTO TRANSMISSION	8	3.0%
AUTO TECH - AUTO ENGINE	8	3.0%
AUTO TECH - AUTO ELECTRIC	8	3.0%
ADMIN OF JUST-INVESTIGATIONS	8	3.0%
DIES TECH-ENGINE OVERH DETROIT	8	3.0%
DIES TECH-ENGINE REPAIR 4 DETR	8	3.0%
DIES TECH-ENGINE REPAIR DETROI	7	2.7%
FIPT-FIRE PROTECTION INTERMED	5	1.9%
LEGAL ASSISTANT	4	1.5%
COMP BUS TECH-ADMIN ASSISTANT	4	1.5%
AVIATION OPERATIONS - PILOT	4	1.5%
BUSMGT MORTGAGE BROKERAGE/BNKNG	3	1.1%
COMPUTER/INFORMATION SCIENCE	3	1.1%
ADMIN OF JUST-LAW ENFORCEMENT	2	0.8%
AVIATION MAINT TECH-GEN STUD	2	0.8%
CHILD DEVELOPMENT	1	0.4%
CMP BUS TECH MICROCOMPUTER APPL	1	0.4%
AVIATION OPERATIONS-MANAGEMENT	1	0.4%
FIPT - FIRE ADMINISTRATION	1	0.4%
ADM OF JUST-LAW ENF SUPRVISION	1	0.4%
FIPT-FIRE PREVENTION INTERMED	1	0.4%
<b>Total</b>	<b>263</b>	<b>100.0%</b>