

Los Medanos College
Program Review Data for
Cosmetology

Prepared by the Office of Institutional Research

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Background

This report provides the department with three-year trends on indicators on the following areas:

- Enrollment
- Productivity
- Student Success

For Vocational Education programs, data on VTEA core indicators are provided.

I. Enrollment: This section provides a three-year trend on student enrollment by headcount as of first census. Because our demographic make up is rapidly changing, figures by ethnicity are also provided.

II. Productivity: In this section, three-year trends are provided for: FTEF/FTES, FTES, Part-time FTEF, full-time FTEF, and full-time Staff. For most measures, college figures are provided for comparison purposes.

III. Student Success. This section consists of: Retention Rates, Success rates, number of students with declared major who completed 18 units or more, and number of degrees and certificates awarded. In this section, statistics by ethnicity are also provided.

Note: ALL DATA is for the academic year (Fall and Spring only).

Definitions for each measure are provided in the footnotes.

Data Sources: The two main sources of information are: 1. DataTel and the Research Data Warehouse. Productivity figures were provided by the Business Office.

Statistics

HEADCOUNT ENROLLMENT (Unduplicated at Census): Student headcount in Cosmetology decreased from 772 in 2002-2003 to 563 in 2004-2005, a decrease of 209 students. When examining enrollment by ethnicity, it is observed that the proportion of Asians increased by 7%, of African-Americans by 11%, of Filipinos by 1%, of Hispanics by 24% and of Whites by 36%.

The ethnic composition of students in the program has reflected the ethnic composition of the students in the institution in the last two years. In 2002-2003 there was a large number of students who did not declared their ethnicity.

Cosmetology

	2002-2003		2003-2004		2004-2005		3-Year Change	
	Program	College	Program	College	Program	College	Program	College
	N=772	N=12946	N=530	N=11527	N=563	N=12808	-209	-138
							-27%	-1%
Asian	3%	5%	11%	6%	10%	6%	7%	1%
African American (non-Hispanic)	2%	13%	8%	13%	13%	14%	11%	1%
Filipino	1%	6%	3%	6%	2%	6%	1%	0%
Hispanic	5%	21%	28%	23%	29%	24%	24%	3%
American Indian/Alaskan Native	0%	1%	1%	1%	1%	1%	1%	0%
Other Non-White	1%	3%	2%	3%	2%	2%	1%	-1%
Pacific Islander	0%	1%	1%	1%	1%	1%	1%	0%
White non-Hispanic	6%	44%	42%	43%	42%	43%	36%	-1%
Unknown	82%	7%	4%	5%	1%	3%	81%	-4%
All Students	100%	100%	100%	100%	100%	100%	-	-

NOTE: Percentages may not add up to 100% due to rounding.

SEATCOUNT ENROLLMENT (Duplicated at Census): Seatcount enrollment in Cosmetology decreased from 1690 in 2002-2003 to 850 in 2004-2005, a decrease of 840 seats for the last three years. When examined by ethnicity, it is observed that seatcount enrollment increased for Asians by 7%, for African-Americans by 9%, for Filipinos by 1%, for Hispanics by 26% and for Whites by 34%.

In 2003-2004 and 2004-2005, the program's seatcount ethnic composition enrollment generally reflected the college's seatcount ethnic enrollment, except for Asians and Hispanics. Asians and Hispanics are over represented in 2004-2005. In 2002-2003 there was a large percentage of students with "Unknown" ethnicity.

Seatcount Enrollment: Cosmetology

	2002-2003		2003-2004		2004-2005		3-Year Change	
	Program	College	Program	College	Program	College	Program	College
	N=1690	N=43127	N=784	N=40792	N=850	N=42549	-840	-578
							-50%	-1%
Asian	3%	5%	11%	6%	10%	6%	7%	1%
African American (non-Hispanic)	2%	14%	9%	14%	11%	15%	9%	1%
Filipino	1%	6%	3%	6%	2%	6%	1%	0%
Hispanic	6%	20%	29%	22%	32%	24%	26%	4%
American Indian/Alaskan Native	0%	1%	1%	1%	1%	1%	1%	0%
Other Non-White	1%	3%	2%	3%	3%	3%	2%	0%
Pacific Islander	0%	1%	1%	1%	0%	1%	0%	0%
White non-Hispanic	6%	43%	40%	43%	40%	43%	34%	0%
Unknown	82%	7%	5%	5%	1%	2%	-81%	-5%
All Students	100%	100%	100%	100%	100%	100%	-	-

NOTE: Percentages may not add up to 100% due to rounding.

PRODUCTIVITY: No productivity is generated with partnership programs.

FTES/FTEF: Cosmetology

	2002-2003	2003-2004	2004-2005	Change
Program	0	0	0	0
CCC	n/a	n/a	n/a	
DVC	n/a	n/a	n/a	
State Average				

Productivity (FTES/FTEF) is defined as the average number of FTES earned per full-time equivalent instructor. FTES is defined as 525 student contact hours, based on a 15 hour weekly course load for 2 semester at 17.5 weeks per semester (15x2x17.5=525).

FTEF: Cosmetology

	2002-2003	2003-2004	2004-2005	Change
FT FTEF	n/a	n/a	n/a	
PT FTEF	n/a	n/a	n/a	
Classified FTEF	0	0	0	0

RETENTION RATES: Retention rate for students in the Cosmetology program has increased from 92% in 2002-2003 to 98% in 2004-2005, a 6% increase. The retention rate for the program has been significantly higher than the college average for the last three years.

When examining retention rates by ethnicity for the last three years, it is observed that the retention rate for Asians increased by 11%, for African-Americans by 1%, for Hispanics by 7% and for Whites by 4%.

Retention Rates: Cosmetology

	2002-2003		2003-2004		2004-2005		3-Year Change	
	Program	College	Program	College	Program	College	Program	College
	2,040	47,311	908	41,959	858	42,937	-1,182	-4,374
Asian	84%	84%	96%	84%	95%	87%	11%	3%
African American (non-Hispanic)	96%	73%	92%	73%	97%	72%	1%	-1%
Filipino	100%	84%	95%	84%	100%	82%	0%	-2%
Hispanic	91%	82%	96%	81%	98%	82%	7%	0%
American Indian/Alaskan Native	100%	80%	100%	84%	100%	81%	0%	1%
Other Non-White	90%	81%	100%	80%	100%	79%	10%	-2%
Pacific Islander	100%	81%	100%	82%	100%	80%	0%	-1%
White Non-Hispanic	93%	84%	94%	85%	97%	84%	4%	0%
Unknown	92%	84%	95%	81%	100%	83%	8%	-1%
All LMC Students	92%	82%	95%	82%	98%	82%	6%	0%
State Average		83%		83%		83%		0%

DEFINITION: Student is retained in the course to end of term. A, B, C, D, F, CR, NC, I grade notations.

MEASUREMENT: Percent of students retained in courses out of total enrolled in courses. The retention rate is calculated by dividing the numerator (number of students with A, B, C, D, F, CR, NC, I) by the denominator (number of students with A, B, C, D, F, CR, NC, W, I).

SUCCESS RATES: Success rate for students in the Cosmetology program has increased from 76% in 2002-2003 to 83% in 2004-2005, an increase of 7%. The success rate of the Cosmetology program has been significantly higher than the college average in the last three years.

When examining success rates by ethnicity for the last three years, it is observed that the success rate for Asians increased by 3%, for Hispanics by 17% and for Whites by 1%. The success rates for African-Americans decreased by 6% and for Filipinos by 10%.

Success Rates: Cosmetology

	2002-2003		2003-2004		2004-2005		3-Year Change	
	Program	College	Program	College	Program	College	Program	College
	2,040	47,311	908	41,959	858	42,937	-1,182	-4,374
Asian	68%	71%	84%	72%	91%	74%	23%	3%
African American (non-Hispanic)	70%	51%	81%	51%	64%	50%	-6%	-1%
Filipino	100%	70%	85%	71%	90%	70%	-10%	0%
Hispanic	71%	65%	89%	66%	88%	66%	17%	1%
American Indian/Alaskan Native	100%	69%	86%	70%	86%	64%	-14%	-5%
Other Non-White	80%	61%	75%	65%	83%	65%	3%	4%
Pacific Islander	100%	63%	100%	61%	100%	61%	0%	-2%
White Non-Hispanic	81%	72%	82%	74%	82%	72%	1%	0%
Unknown	76%	69%	84%	66%	83%	67%	7%	-2%
All Students	76%	67%	84%	68%	83%	67%	7%	0%
State Average		67%		67%		67%		0%

DEFINITION: Student succeeds in the course to end of term. A, B, C, CR grade notations.

MEASUREMENT: Percent of students successful in courses out of total enrolled in courses. The success rate is calculated by dividing the numerator (number of students with A, B, C, CR) by the denominator (number of students with A, B, C, D, F, CR, NC, W, I).

NUMBER OF STUDENTS WITH DELCARED MAJOR WHO COMPLETED 18 UNTS OR MORE:
 The number of students with Cosmetology as their major and with 18 units or more has significantly increased from 26 in 2002-2003 to 205 in 2004-2005, an increase of 179 students in the last three years.

**Number of Students with Declared Major who Completed 18 Units or More:
 Cosmetology**

	2002-2003		2003-2004		2004-2005		3-Year Change	
	Program	College	Program	College	Program	College	Program	College
	N=26	N=3586	N=167	N=3649	N=205	N=4711	+179	+1125
Asian	5%	6%	11%	6%	7%	6%	2%	0%
African American (non-Hispanic)	15%	11%	10%	11%	12%	12%	-3%	1%
Filipino	0%	8%	2%	7%	2%	7%	2%	-1%
Hispanic	35%	22%	31%	23%	36%	24%	1%	2%
American Indian/Alaskan Native	0%	1%	2%	1%	1%	1%	1%	0%
Other Non-White	5%	3%	0%	3%	3%	3%	-2%	0%
Pacific Islander	5%	1%	0%	1%	0%	1%	-5%	0%
White Non-Hispanic	25%	46%	39%	46%	37%	44%	12%	-2%
Unknown	10%	2%	5%	2%	2%	2%	-8%	0%
All Students	100%	100%	100%	100%	100%	100%	-	-

NOTE: Percentages may not add up to 100% due to rounding.

NUMBER OF DEGREES AND CERTIFICATES: No Certificates have been awarded.

Number of Degrees and Certificates: Cosmetology

	2002-2003	2003-2004	2004-2005	3-Year Change
Degrees	n/a	n/a	n/a	n/a
Certificates	0	0	0	0

VTEA Core Indicators for: Cosmetology

CORE INDICATORS	2003-2004		2004-2005		2005-2006	
	College	Percentage above or below State Level	College	Percentage above or below State Level	College	Percentage above or below State Level
Core 1. Achievement	73.80	-34.96	59.37	-20.39	55.36	-24.40
Core 2. Completions	3.05	-56.77	1.49	-59.33	00.0	-60.82
Core 3a. Employment	71.57	-11.62	74.13	-9.06	71.63	-11.56
Core 3b. Employment Retention	74.26	-8.46	72.79	10.06	74.26	-8.59
Core 4a Nontraditional Participation	2.73	-26.25	4.31	-25.69	4.29	-25.69
Core 4b. Nontraditional completion	00.0	N/A	00.0	N/A	N/R	N/R

Data obtained from Chancellor Office VTEA reports.

DEFINITIONS

Indicator One: Skill Attainment – GPA of at least 2.0 on Forms and Grade C & Above on all other reports. Indicator *One* uses enrollments in Apprenticeship, Advanced Occupational or Clearly Occupational courses (coded with SAM Priority codes A-C). Students may be enrolled in more than one program area and may be included in more than one population grouping.

Indicator Two: Completions – Certificates, Degrees and Transfers

Indicator *Two* measures completions for vocational student "Leavers and Completers." Receipt of a certificate or degree or enrollment in a California four year public University with or without a degree is considered a completion. Military enrollment was not available for this cohort and was removed from all cohorts on three year presentations for the 2003-04 reports.

Indicator Three: Placement and Retention

Indicator *Three* measures *Placement* as UI covered employment or continuation at CSU/UC and *Retention* as three consecutive quarters in UI covered employment for vocational student "Leavers and Completers" in their first year after college. Students found continuing at UC or CSU are considered placed but are removed prior to calculations for retention. Retention is based solely on UI Employed Leavers and Completers.

Military enrollment and federal government employment, although available in previous years, were not available for this cohort. Placement status using military and federal employment was removed from all cohorts on three year presentations for the 2005-06 reports.

Indicator Four: Equity - Training Leading to Nontraditional Employment

Indicator *Four*, Participation, measures the participation of students in 2002-03 vocational courses (SAM code A –D) leading to employment where either gender is less than 25% of those employed using 1990 Census data.

Indicator *Four*, Completion, measures Completion of vocational student "Leavers and Completers" in training leading to employment where either gender is less than 25% of those employed using 1990 Census data.