

De Anza College Program Review

Engineering

Dimension	Actual			Projections		
	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11
Enrollment/Grades (Fiscal Year)	361	357	312	315	318	321
WSCH (Fiscal Year)	2,568	2,558	2,276	2,299	2,322	2,345
Productivity (Fiscal Year)	393	429	393			
Retention % (Fiscal Year)	89%	89%	87%	88 %	89 %	90 %
Success % (Fiscal Year)	58%	57%	52%	53%	54 %	55 %
Classroom Teaching FTEF (Academic Yr)						
Full-time FTEF	1.00	0.95	0.89	Projection Methodology Enrollment and WSCH projections based on 1% annual increases from the last actual year. Retention and Success rate projections are one percentage point increases from the last actual year, unless the last actual year is greater than 90% in which case there is no change.		
PT/Overload FTEF	0.82	0.79	0.79			
Total FTEF	1.82	1.74	1.68			
Percent Full-time	55%	54%	53%			
Reassigned FTEF	0.00	0.00	0.00			
Number of Sections (Fiscal Yr)	19	19	23			
% Not Vocational	74%	79%	91%			
% Transferable	84%	89%	96%			
% Degree Applicable	84%	89%	96%			
% Not Basic Skills	100%	100%	100%			

Success Rates, Fiscal Year 2007-08

Definitions

Dimension	Distribution		Non-			Percent		
	Count	Col %	Success	success	Withdraw	Percent Success	Non-success	Percent Withdraw
Ethnicity								
Asian	145	46	88	40	17	61	28	12
Black	12	4	3	7	2	25	58	17
Filipino	10	3	3	4	3	30	40	30
Hispanic	31	10	11	14	6	35	45	19
Native Am	1	0	1	0	0	100	0	0
Pac Islander	2	1	1	1	0	50	50	0
White	67	21	32	29	6	48	43	9
Other	9	3	6	2	1	67	22	11
Unrecorded	35	11	18	12	5	51	34	14
Total	312	100	163	109	40	52	35	13
Gender								
Female	47	15	30	9	8	64	19	17
Male	265	85	133	100	32	50	38	12
Total	312	100	163	109	40	52	35	13
Age								
19 or less	104	33	50	35	19	48	34	18
20 - 24	139	45	74	52	13	53	37	9
25 - 29	38	12	19	18	1	50	47	3
30 - 34	17	5	9	3	5	53	18	29
35 - 39	6	2	5	0	1	83	0	17
40 - 49	8	3	6	1	1	75	13	13
Total	312	100	163	109	40	52	35	13

Enrollment/Grades:
Sum of end-of-term grade count including Ws.

WSCH:
Sum of quarterly End-of-Term Weekly Student Contact Hours.

Retention %:
Number of students receiving a successful or non-successful grade / total number of students receiving a grade.

Success %:
Number of students receiving an A,B,C or CR grade / total number of students receiving a grade.

FTEF:
Sum of teaching load factors for Fall, Winter, and Spring quarters by assignment type, excluding reassignments.

Productivity:
Four-term total WSCH / four-term total FTEF, excluding reassignments.

Reassigned FTEF:
Sum of load in 994, 995, 998, and 999 courses.

Distribution and Success by Targeted Group

Year/Demographic	Count	Col %	Percent						
			Success	Non-success	Withdraw	Success	Non-success	Withdraw	Retained
Fiscal Year 2007-08									
Targeted	53	17	17	25	11	32	47	21	79
Not Targeted	259	83	146	84	29	56	32	11	89
Total	312	100	163	109	40	52	35	13	87
Fiscal Year 2006-07									
Targeted	64	18	27	26	11	42	41	17	83
Not Targeted	293	82	176	90	27	60	31	9	91
Total	357	100	203	116	38	57	32	11	89
Fiscal Year 2005-06									
Targeted	69	19	25	36	8	36	52	12	88
Not Targeted	292	81	183	77	32	63	26	11	89
Total	361	100	208	113	40	58	31	11	89

Targeted groups = Hispanic, Black, Filipino

Distribution and Success by Ethnicity

Year/Demographic	Count	Col %	Percent						
			Success	Non-success	Withdraw	Success	Non-success	Withdraw	Retained
Fiscal Year 2007-08									
Asian	145	46	88	40	17	61	28	12	88
Black	12	4	3	7	2	25	58	17	83
Filipino	10	3	3	4	3	30	40	30	70
Hispanic	31	10	11	14	6	35	45	19	81
Native Am	1	0	1	0	0	100	0	0	100
Pac Islander	2	1	1	1	0	50	50	0	100
White	67	21	32	29	6	48	43	9	91
Other	9	3	6	2	1	67	22	11	89
Unrecorded	35	11	18	12	5	51	34	14	86
Total	312	100	163	109	40	52	35	13	87
Fiscal Year 2006-07									
Asian	168	47	104	47	17	62	28	10	90
Black	14	4	8	3	3	57	21	21	79
Filipino	16	4	6	6	4	38	38	25	75
Hispanic	34	10	13	17	4	38	50	12	88
Native Am	1	0	41	27	4	57	38	6	94
Pac Islander	1	0	11	4	1	69	25	6	94
White	72	20	20	11	4	57	31	11	89
Other	16	4	203	115	37	57	32	10	90
Unrecorded	35	10							
Total	357	100							
Fiscal Year 2005-06									
Asian	173	48	111	44	18	64	25	10	90
Black	20	6	10	8	2	50	40	10	90
Filipino	21	6	9	9	3	43	43	14	86
Hispanic	28	8	6	19	3	21	68	11	89
Native Am	2	1	1	0	1	50	0	50	50
Pac Islander	2	1	44	19	7	63	27	10	90
White	70	19	4	7	1	33	58	8	92
Other	12	3	23	5	5	70	15	15	85
Unrecorded	33	9	208	111	40	58	31	11	89
Total	361	100							