

**To:** Rowena Tomaneng, Associate Vice President of Instruction

**From:** Mallory Newell, De Anza Researcher

**Date:** 7/19/2011

**Subject:** Comparison of Distance Education Enrollment to Hybrid Courses

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The accompanying report provides a comparison of distance education courses, sections ending in 'Z', to Hybrid courses, sections ending with 'Y'.

**Distance and Hybrid Combined:**

- Sections offered increased 35% from 426 in 2009-10 to 574 in 2010-11.
- The unduplicated headcount increased 21% from 12,416 in 2009-10 to 15,020 in 2010-11.
- The enrollment count increased 36% year-to-year from 15,892 to 21,549.
- Student success rates decreased from 65% in 2009-10 to 59% in 2010-11.

**Hybrid Education:**

- Hybrid education sections offered increased 38% from 78 in 2009-10 to 108 in 2010-11.
- The unduplicated headcount increased 40% from 1,985 in 2009-10 to 2,783 in 2010-11.
- The enrollment count increased 41% from 2,035 to 2,862.
- Student success rates remained constant at 78% year-to-year.

**Distance Education:**

- Distance education sections offered increased 34% from 348 in 2009-10 to 466 in 2010-11.
- The unduplicated headcount increased 19% from 10,583 in 2009-10 to 12,563 in 2010-11.
- The enrollment count increased 35% year-to-year from 13,857 to 18,687.
- Student success rates decreased by 6 percentage points from 63% to 57%.

## De Anza College Distance Education and Hybrid Courses - 2009-10 to 2010-11

Distance courses end with Z

Hybrid courses end with Y

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### Unduplicated Headcount of Distance and Hybrid

	2009-10		2010-11	
	Sections	Unduplicated HC	Sections	Unduplicated HC
Distance	348	10,583	466	12,563
Hybrid	78	1,985	108	2,783

Each student is counted only once.

### Unduplicated Headcount of Distance and Hybrid Combined

	2009-10		2010-11	
	Sections	Unduplicated HC	Sections	Unduplicated HC
	426	12,416	574	15,020

### Enrollment of Distance and Hybrid

	2009-10		2010-11	
	Sections	Enrollment	Sections	Enrollment
Distance	348	13,857	466	18,687
Hybrid	78	2,035	108	2,862

Students are counted for each course they are enrolled in.

### Enrollment of Distance and Hybrid Combined

	2009-10		2010-11	
	Sections	Enrollment	Sections	Enrollment
	426	15,892	574	21,549

### Success Rates of Distance and Hybrid

		Success		Non Success		Withdraw		Total	
		Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
2009-10	Distance	8,734	63%	2,386	17%	2,737	20%	13,857	100%
	Hybrid	1,581	78%	204	10%	250	12%	2,035	100%
2010-11	Distance	10,583	57%	4,216	23%	3,888	21%	18,687	100%
	Hybrid	2,233	78%	308	11%	321	11%	2,862	100%

Success = A, B, C, P; Non Success = D, F, NP, I; Withdraw = W

### Success Rates of Distance and Hybrid Combined

	Success		Non Success		Withdraw		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
2009-10	10,315	65%	2,590	16%	2,987	19%	15,892	100%
2010-11	12,816	59%	4,524	21%	4,209	20%	21,549	100%

### Distance Courses with Success Rates under 55%

		2010-11							
		Success		Non Success		Withdraw		Total	
		Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
ANTHD002.	Ends with Z	109	48%	63	28%	57	25%	229	100%
BIOLD010.	Ends with Z	91	50%	59	33%	31	17%	181	100%
BIOLD054I	Ends with Z	59	54%	40	36%	11	10%	110	100%
BUSD058.	Ends with Z	33	27%	17	14%	71	59%	121	100%
BUSD059.	Ends with Z	21	53%	7	18%	12	30%	40	100%
BUSD070.	Ends with Z	27	49%	7	13%	21	38%	55	100%
BUSD088.	Ends with Z	6	50%	4	33%	2	17%	12	100%
CAOSD081H	Ends with Z	50	34%	60	41%	35	24%	145	100%
CAOSD084A	Ends with Z	244	39%	237	38%	139	22%	620	100%
CAOSD094.	Ends with Z	84	38%	67	31%	68	31%	219	100%
CAOSD102M	Ends with Z	58	30%	85	45%	48	25%	191	100%
CAOSD104O	Ends with Z	89	47%	64	34%	35	19%	188	100%
CAOSD105.	Ends with Z	44	26%	67	40%	56	34%	167	100%
CAOSD106.	Ends with Z	75	42%	55	31%	47	27%	177	100%
CAOSD107G	Ends with Z	81	42%	71	36%	43	22%	195	100%
CAOSD110M	Ends with Z	113	38%	110	37%	75	25%	298	100%
CAOSD111M	Ends with Z	12	24%	24	49%	13	27%	49	100%
CAOSD130M	Ends with Z	106	34%	118	37%	91	29%	315	100%
CAOSD91AM	Ends with Z	176	36%	201	41%	117	24%	494	100%
CAOSD91AN	Ends with Z	18	34%	25	47%	10	19%	53	100%
CAOSD91BM	Ends with Z	71	38%	73	39%	44	23%	188	100%
CAOSD93AM	Ends with Z	115	32%	157	43%	92	25%	364	100%
CDID080D	Ends with Z	21	40%	19	36%	13	25%	53	100%
CISD035A	Ends with Z	54	43%	44	35%	27	22%	125	100%
CISD064B	Ends with Z	42	48%	31	36%	14	16%	87	100%
CISD080A	Ends with Z	10	43%	11	48%	2	9%	23	100%
CISD094.	Ends with Z	14	30%	13	28%	19	41%	46	100%
E SD001.	Ends with Z	7	44%			9	56%	16	100%
HUMID009.	Ends with Z	88	43%	17	8%	98	48%	203	100%
ICSD011.	Ends with Z	49	42%	28	24%	39	34%	116	100%
MATHD114.	Ends with Z	69	39%	62	35%	47	26%	178	100%
PHILD001.	Ends with Z	95	42%	64	28%	66	29%	225	100%
POLID001.	Ends with Z	123	41%	68	23%	108	36%	299	100%

Distance education courses end with Z

## Success Rates of Courses not Ending in Z Compared to Courses Ending in Z

		2010-11							
		Success		Non Success		Withdraw		Total	
		Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
ANTHD002.	Regular	1,065	69%	286	18%	201	13%	1,552	100%
	Ends with Z	109	48%	63	28%	57	25%	229	100%
BIOLD010.	Regular	784	77%	137	14%	92	9%	1,013	100%
	Ends with Z	91	50%	59	33%	31	17%	181	100%
BUSD088.	Regular	12	100%					12	100%
	Ends with Z	6	50%	4	33%	2	17%	12	100%
CAOSD1040	Regular	28	72%	7	18%	4	10%	39	100%
	Ends with Z	89	47%	64	34%	35	19%	188	100%
CAOSD91AN	Regular	12	80%	2	13%	1	7%	15	100%
	Ends with Z	18	34%	25	47%	10	19%	53	100%
CDID080D	Regular	41	59%	20	29%	9	13%	70	100%
	Ends with Z	21	40%	19	36%	13	25%	53	100%
CISD035A	Regular	132	65%	41	20%	30	15%	203	100%
	Ends with Z	54	43%	44	35%	27	22%	125	100%
CISD064B	Regular	11	42%	12	46%	3	12%	26	100%
	Ends with Z	42	48%	31	36%	14	16%	87	100%
E SD001.	Regular	646	78%	98	12%	86	10%	830	100%
	Ends with Z	7	44%			9	56%	16	100%
HUMID009.	Regular	192	72%	49	18%	25	9%	266	100%
	Ends with Z	88	43%	17	8%	98	48%	203	100%
ICSD011.	Regular	68	60%	31	27%	14	12%	113	100%
	Ends with Z	49	42%	28	24%	39	34%	116	100%
MATHD114.	Regular	2,146	61%	850	24%	548	15%	3,544	100%
	Ends with Z	69	39%	62	35%	47	26%	178	100%
PHILD001.	Regular	364	71%	87	17%	61	12%	512	100%
	Ends with Z	95	42%	64	28%	66	29%	225	100%
POLID001.	Regular	1,906	68%	535	19%	349	13%	2,790	100%
	Ends with Z	123	41%	68	23%	108	36%	299	100%