



FOOTHILL COLLEGE

Institutional Research and Planning

DATE: December 19, 2011

TO: Peter Murray, Dean, Physical Sciences, Math & Engineering

FROM: Elaine Kuo, College Researcher

RE: Math 105 Success Rates

Overview

Student enrollment in Math 105 between 2005-06 and 2010-11 were analyzed to determine the course success rate on a quarterly basis. A student was deemed successful if an A, B, C, or P grade was earned and nonsuccess was indicated if a D, F, I, or NP grade was recorded. Withdraws, as noted with a W, were grouped as a separate category.

- Enrollment has steadily increased since 2008-09 academic year, from serving about 1000 students annually in 2005-06 to over 1300 in 2010-11.
- The course success rate over time has remained fairly consistent between 50%-60%.
- The withdraw rate trend has remained below 20% from 2005-06 to 2010-11.
- A third of the students enrolled during 2010-2011 (34%) were not successful in Math 105 compared to 26% of nonsuccessful students during 2005-06.

Methodology

Students who enrolled in Math 105 between the 2005-06 and 2010-11 academic years were identified to determine if they passed the course. Only students with a final grade recorded were included.

Source

FHDA IR&P, ODS [Student Course]

Math 105 Course Success Rates, 2006-2011.

		MATHF105.							
		Success		Nonsuccess		Withdraw		Total	
		Students	Percent	Students	Percent	Students	Percent	Students	Percent
2005-2006	2005 Summer Foothill	120	73%	37	22%	8	5%	165	100%
	2005 Fall Foothill	202	58%	86	25%	59	17%	347	100%
	2006 Winter Foothill	169	54%	94	30%	49	16%	312	100%
	2006 Spring Foothill	138	57%	64	26%	42	17%	244	100%
	Total	629	59%	281	26%	158	15%	1068	100%
2006-2007	2006 Summer Foothill	104	78%	25	19%	5	4%	134	100%
	2006 Fall Foothill	191	57%	77	23%	69	20%	337	100%
	2007 Winter Foothill	186	58%	81	25%	56	17%	323	100%
	2007 Spring Foothill	113	46%	72	30%	59	24%	244	100%
	Total	594	57%	255	25%	189	18%	1038	100%
2007-2008	2007 Summer Foothill	91	75%	16	13%	15	12%	122	100%
	2007 Fall Foothill	160	51%	115	37%	40	13%	315	100%
	2008 Winter Foothill	175	60%	81	28%	35	12%	291	100%
	2008 Spring Foothill	121	52%	63	27%	47	20%	231	100%
	Total	547	57%	275	29%	137	14%	959	100%
2008-2009	2008 Summer Foothill	127	66%	60	31%	6	3%	193	100%
	2008 Fall Foothill	201	50%	132	33%	67	17%	400	100%
	2009 Winter Foothill	171	52%	114	34%	46	14%	331	100%
	2009 Spring Foothill	143	50%	77	27%	64	23%	284	100%
	Total	642	53%	383	32%	183	15%	1208	100%
2009-2010	2009 Summer Foothill	132	73%	39	21%	11	6%	182	100%
	2009 Fall Foothill	222	58%	102	27%	58	15%	382	100%
	2010 Winter Foothill	203	59%	88	26%	53	15%	344	100%
	2010 Spring Foothill	161	50%	96	30%	62	19%	319	100%
	Total	718	59%	325	26%	184	15%	1227	100%
2010-2011	2010 Summer Foothill	47	41%	51	44%	17	15%	115	100%
	2010 Fall Foothill	233	51%	143	32%	77	17%	453	100%
	2011 Winter Foothill	239	56%	129	30%	61	14%	429	100%
	2011 Spring Foothill	133	41%	128	40%	63	19%	324	100%
	Total	652	49%	451	34%	218	17%	1321	100%

Success=A, B, C, P grade; Nonsuccess=D, F, I, NP grade.