

November 24, 2010

To: Gregory Anderson, Faculty Senate President

From: Mallory Newell, College Researcher

Re: Title III Grant – Math Intervention Courses

The attached spring and winter 2010 math courses were identified by math faculty as either including an intervention or not including an intervention. Passing grades (A, B, C or P), non passing grades (D, F, NP) and withdraws (W) were counted for students in the sections identified as including an intervention. All other math sections that were not identified as an intervention were aggregated and grades were counted as pass, did not pass and withdrew.

An analysis of the data shows that winter 2010 resulted in:

- Math 210 sections with an intervention have higher passing rates than the non intervention courses, as well as lower withdraw rates.
- Math 212 has higher pass rates than the non intervention (50%) except for T3 Pass it on! (31%) and T3 TA Program (48%).
- Withdraw rates are also lower in Math 212 intervention courses than non intervention (24%) with the exception of T3 Pass it on! (27%).
- Math 114 has higher pass rates and lower withdraw rates for intervention sections except for NLE Group Tutor course which has a pass rate only 1% lower than the non intervention course.

Spring 2010:

- Math 210 sections with an intervention resulted in a slightly lower pass (45%) rate than the non intervention sections (48%) and higher withdraw rate (24%) than the non intervention course (18%).
- Math 212 sections with an intervention had lower pass rates than the non intervention except for Enable Math (65%) which had a much higher pass rate than the non intervention sections (49%).
- All intervention sections in Math 212 resulted in higher withdraw rates than the non intervention (23%) except for the Enable Math section (11%) which had a much lower withdraw rate.
- Math 114 sections with an intervention had higher pass rates than non interventions except for NLE T3 Enable Math Cohort which had the same pass rate (54%) as the non intervention sections.
- Math 114 withdraw rates are lower for all intervention sections.

			Spring 2010							
			Pass		Did Not Pass		Withdrew		Total	
			Grade	Percent Row	Grade	Percent Row	Grade	Percent Row	Grade	Percent Row
<b>Math210</b>	<b>REG</b>	<b>No intervention</b>	111	48%	78	34%	41	18%	230	100%
	<b>NLE</b>	<b>Group Tutor</b>	41	45%	28	31%	22	24%	91	100%
		<b>T3 TA Program</b>	41	45%	28	31%	22	24%	91	100%
<b>Math212</b>		<b>T3 Team Leaders</b>	17	42%	11	28%	12	30%	40	100%
	<b>NLE</b>	<b>Group Tutor</b>	25	36%	22	32%	22	32%	69	100%
	<b>REG</b>	<b>No intervention</b>	148	49%	83	28%	69	23%	300	100%
		<b>Enable Math</b>	143	65%	52	24%	26	11%	221	100%
		<b>T3 TA Program</b>	94	40%	60	26%	57	24%	234	100%
	<b>Math114</b>		<b>Enable Math</b>	161	64%	67	27%	23	9%	251
<b>NLE</b>		<b>T3 Enable Math Cohort</b>	44	54%	26	32%	12	14%	82	100%
<b>MPS</b>		<b>Math Performance Success</b>	47	69%	13	19%	8	12%	68	100%
<b>REG</b>		<b>No intervention</b>	363	54%	192	29%	113	17%	672	100%
<b>NLE</b>		<b>Group Tutor</b>	19	56%	11	32%	4	12%	34	100%
		<b>T3 Team Leaders</b>	42	64%	16	24%	8	12%	66	100%
		<b>T3 TA Program</b>	19	56%	11	32%	4	12%	34	100%
<b>Total</b>			1315	53%	698	28%	443	19%	2483	100%

		2010 W								
		Pass		Did Not Pass		Withdrew		Total		
		Grade	Percent Row	Grade	Percent Row	Grade	Percent Row	Grade	Percent Row	
Math210	REG	No intervention								
		128	47%	74	27%	69	25%	271	100%	
		Enable Math								
		35	81%	7	17%	1	2%	43	100%	
		T3 TA Program								
		88	48%	55	30%	41	22%	184	100%	
Math212	MPS	Math Performance Success								
		49	71%	13	19%	7	10%	69	100%	
		T3 Team Leaders								
			50	67%	20	26%	5	7%	75	100%
	REG	No intervention								
		246	50%	128	26%	117	24%	491	100%	
		Enable Math								
			188	66%	69	24%	28	10%	285	100%
	TTP	T3 Enable Math Cohort								
55		66%	22	27%	6	7%	83	100%		
T3 Pass It On!										
34		31%	45	42%	29	27%	108	100%		
		T3 TA Program								
		51	48%	34	31%	23	21%	108	100%	
Math114		Enable Math								
		191	64%	79	27%	28	9%	298	100%	
	MPS	Math Performance Success								
		94	85%	9	9%	7	6%	110	100%	
	REG	No intervention								
		366	57%	158	24%	121	19%	645	100%	
	NLE	Group Tutor								
		57	56%	11	10%	34	34%	102	100%	
T3 Team Leaders										
		33	92%	0	0%	3	8%	36	100%	
		T3 TA Program								
		33	92%	0	0%	3	8%	36	100%	
<b>Total</b>		1698	58%	724	25%	522	18%	2944	100%	