

SPRING 2003  
 SUCCESS & WITHDRAWAL RATES FOR MAT1033 REFERENCE NUMBERS  
 AT KENDALL CAMPUS  
 REQUESTED BY PAT BIBBY, KENDALL CAMPUS

MAT1033		ALL GRADES	ALL GRADES (Excluding W)	SUCCESS <sup>(1)</sup> (A, B, & C)		WITHDRAWAL <sup>(2)</sup>	
		No.	No.	No.	%	No.	%
CONTROL SECTIONS	221337	39	25	20	80.0	14	35.9
	221352	41	36	30	83.3	5	12.2
	221359	39	35	24	68.6	4	10.3
	222306	40	33	16	48.5	7	17.5
	238980	41	30	19	63.3	11	26.8
	<b>TOTAL</b>	<b>200</b>	<b>159</b>	<b>109</b>	<b>68.6</b>	<b>41</b>	<b>20.5</b>
EXPERIMENTAL SECTIONS	221331	39	35	27	77.1	4	10.3
	221333	41	40	37	92.5	1	2.4
	221338	43	34	22	64.7	9	20.9
	221340	41	31	24	77.4	10	24.4
	221358	41	37	23	62.2	4	9.8
	<b>TOTAL</b>	<b>205</b>	<b>177</b>	<b>133</b>	<b>75.1</b>	<b>28</b>	<b>13.7</b>
<b>OVERALL TOTAL</b>		<b>405</b>	<b>336</b>	<b>242</b>	<b>72.0</b>	<b>69</b>	<b>17.0</b>

(1) Success rate is calculated by the total sum of all A,B, and C grades over the total sum of all the grades minus withdrawal grades for each reference number (SUCCESS=A,B,C,S/ALL GRADES - WITHDRAWAL).

\* **Success rate not significantly higher using the test of the difference between two proportions** (one-tailed; p=.09)

(2) Withdrawal rate is computed by dividing all W grades by the total of all grades ( WITHDRAWAL=W/ALL GRADES).

\* **Withdrawal rate SIGNIFICANTLY LOWER FOR EXPERIMENTAL SECTIONS using the test of the difference between two proportions** (one-tailed; p=.03)

**QEP Question: Do data from the Pilot Project on Frequent Assessment support the idea that this intervention will improve student success?**

**Answer: YES. Pass rate is higher (although not statistically significant) for sections using frequent assessment. Withdrawal rate is significantly lower.**