

February 24, 2004

TO: Anne Leskinen
Dean, Physical Science, Mathematics, and Engineering

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SUBJECT: Enrollment Planning for Math 112 and 114 Course Revisions

Per your request, please find below information on student status (new or continuing) and previous math courses taken for students enrolled in Math 101 and Math 105 during the fall 2003 quarter. Figures 1 and 2 outline the results by first term of attendance and term of math enrollment. The following observations may be helpful as the department transitions from Math 101 to Math 112 and Math 105 to Math 114. My understanding is that both the old and new courses will be offered in parallel and that you would like some information to help estimate the number of sections needed under the old and new formats.

Observations:

- 60% of the students taking both Math 101 and 105 during the fall 2003 quarter started before the summer of 2003 and thus were considered continuing students.

Math 101

- Of the 803 students (new and continuing) enrolled in Math 101 in fall 2003, 5% or 36 students took Math 200 in the summer of 2003.
- Of the 323 new students (starting in the summer and fall of 2003) who took Math 101 in the fall of 2003, 4% or 12 students took Math 200 in the summer of 2003.

Math 105

- Of the 1,058 students (new and continuing) enrolled in Math 105 in fall 2003, 5% or 58 students took Math 101 in the summer of 2003.
- Of the 435 new students (starting in the summer and fall of 2003) who took Math 105 in the fall of 2003, 2% or 7 students took Math 201 in the summer of 2003.

DRAFT, 02-23-04
 Figure 1

**Previous Math Enrollment for Students in Math 101 Fall 2003
 By First Term of Attendance and Enrollment Term in Math 200
 De Anza College, End of Term Enrollment**

First Term Attendance	<i>MATH101</i>		<i>MATH200</i>	
	2003F		2003M	<2003M
	#	%	#	#
2003F	88	11%		
2003M	235	29%	12	
<2003M	480	60%	24	226
Total	803	100%		

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 Figure 2

**Previous Math Enrollment for Students in Math 105 Fall 2003
 By First Term of Attendance and Enrollment Term in Math 101
 De Anza College, End of Term Enrollment**

First Term Attendance	<i>MATH105</i>		<i>MATH101</i>	
	2003F		2003M	<2003M
	#	%	#	#
2003F	81	8%		
2003M	354	33%	7	
<2003M	623	59%	51	335
Total	1,058	100%		

DRAFT, 03-19-04

Figure 3

**Previous Math Enrollment for Students in Math 101 Winter 2003
By First Term of Attendance and Enrollment Term in Math 200
De Anza College, End of Term Enrollment**

First Term Attendance	<i>MATH101</i>		<i>MATH200</i>		
	2003W		2002F	2002M	<2002M
	#	%	#	#	#
2003W	41	7%			
2002F	90	15%	36		
2002M	166	28%	80	5	
<2002M	303	51%	77	12	136
Total	600	100%			

DRAFT, 03-19-04

Figure 4

**Previous Math Enrollment for Students in Math 105 Winter 2003
By First Term of Attendance and Enrollment Term in Math 101
De Anza College, End of Term Enrollment**

First Term Attendance	<i>MATH105</i>		<i>MATH101</i>		
	2003W		2002F	2002M	<2002M
	#	%	#	#	#
2003W	51	6%			
2002F	189	22%	33		
2002M	101	12%	82	8	
<2002M	521	60%	150	25	364
Total	862	100%			

DRAFT, 07-06-04

Figure 5

**Previous Math Enrollment for Students in Math 105 Spring 2003
By First Term of Attendance and Enrollment Term in Math 101
De Anza College, End of Term Enrollment**

	<i>MATH105</i>		<i>MATH101</i>			
	2003S		2003W	2002F	2002M	<2002M
First Term Attendance	#	%	#	#	#	#
2003S	70	8%				
2003W	46	6%	14			
2002F	91	11%	44	12		
2002M	171	21%	62	41	4	
<2002M	453	55%	119	63	13	262
Total	831	100%	239	116	17	262

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