

November 20, 2008

TO: Jerry Rosenberg
Dean, PSME Division

FROM: Andrew LaManque, De Anza Research
Sharon Su, Student Assistant

SUBJECT: Knowledge of Special Math Programs Survey

A 15 questions survey was sent to 692 De Anza College students that received a grade of D, F, NP, or W in Math 112 (Elementary Algebra) or Math 210 (Elementary Algebra) during 2007-2008 (Fall, Winter, Spring). The sample did not include students in MPS, EnableMath, or Learning Community Sections.

Sixty-two students responded resulting in a response rate of about 9%. The respondents included more Vietnamese students than the sample (17% vs 8%) and less Latino/a students (21% vs 28%). In addition, less male students responded than were found in the sample (34% vs 55%).

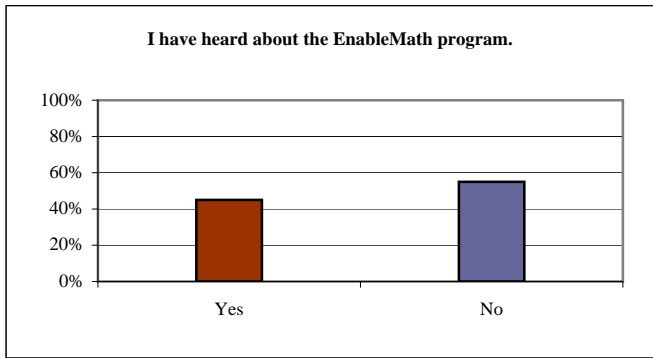
A majority of respondents indicated that they were not aware of the EnableMath or Math Performance Success programs.

Other important observations include:

- 27 out of 60 (45%) of the respondents had heard about the EnableMath program.
- 20 out of 60 (33%) had heard about the Math Performance Success (MPS) program.
- 48 out of 59 (81%) of the respondents responded “No” to the question: “I know that over 90% of students in MPS pass their course.”
 - For the students that reported knowing about MPS, 11 out of the 20 (55%) indicated being aware of its high success rate.
- 51 out of 61 (84%) of the respondents responded “To transfer to a 4 year school” to the question: “What is your goal in attending classes at De Anza?”
- 38 out of 60 (63%) of the respondents indicated taking COUN100 – Orientation to College.

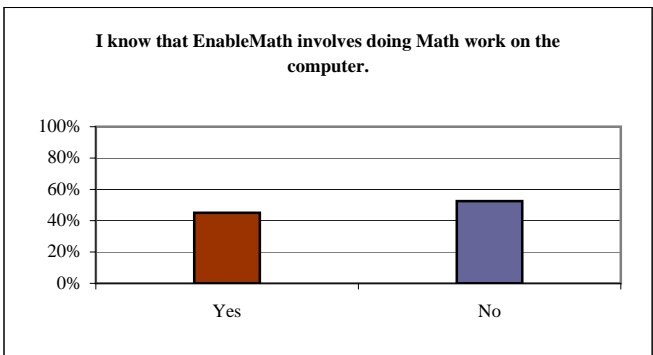
1. I have heard about the EnableMath program.

Responses	Number	Percentage
Yes	27	45%
No	33	55%
Total	60	100%



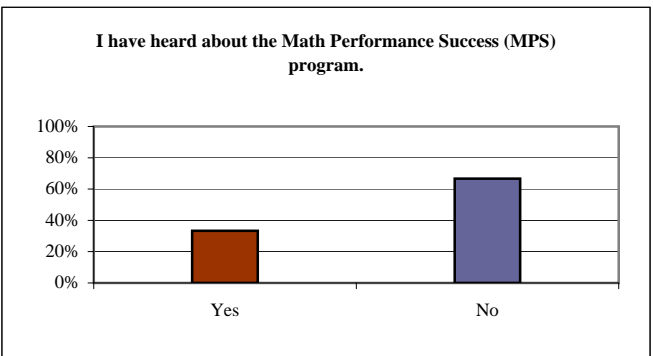
2. I know that EnableMath involves doing Math work on the computer.

Responses	Number	Percentage
Yes	27	45%
No	32	52%
Total Missing	2	3%
Total	61	100%



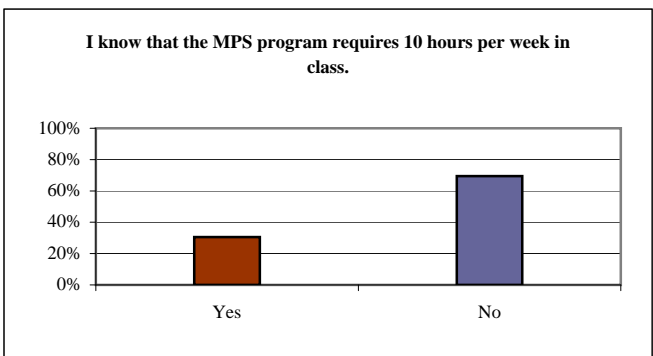
3. I have heard about the Math Performance Success (MPS) program.

Responses	Number	Percentage
Yes	20	33%
No	40	67%
Total Valid	60	100%
Total Missing	2	
Total	62	



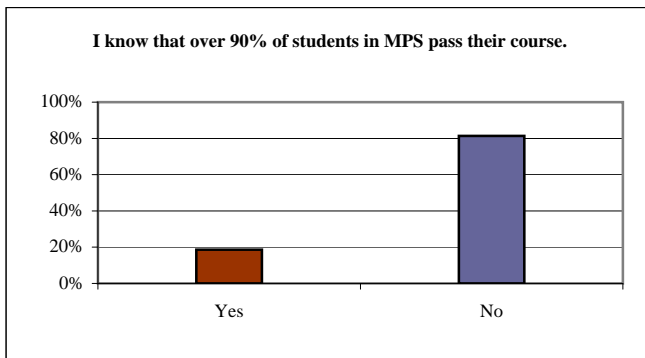
4. I know that the MPS program requires 10 hours per week in class.

Responses	Number	Percentage
Yes	18	31%
No	41	69%
Total Valid	59	100%
Total Missing	3	
Total	62	



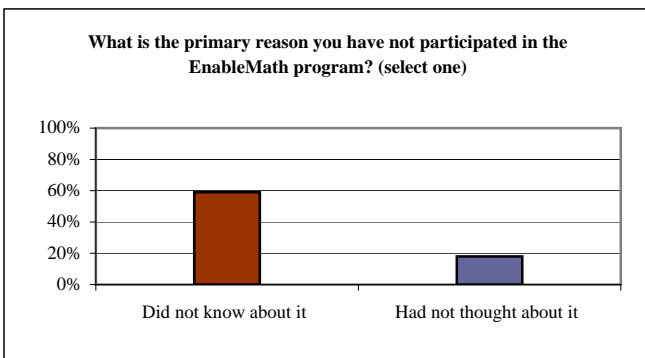
5. I know that over 90% of students in MPS pass their course.

Responses	Number	Percentage
Yes	11	19%
No	48	81%
Total Valid	59	100%
Total Missing	3	
Total	62	



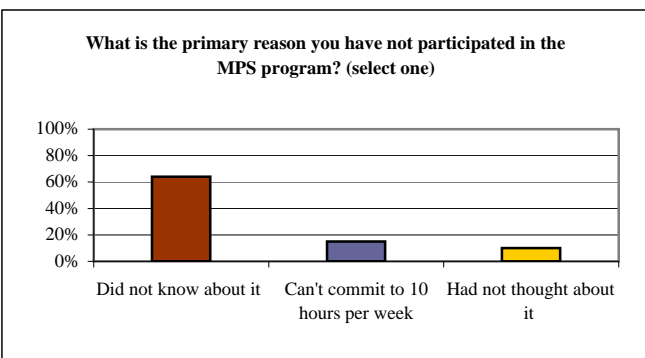
6. What is the primary reason you have not participated in the EnableMath program? (select one)

Responses	Number	Percentage
Did not know about it	36	59%
Classes were full	2	3%
Classes not offered when I needed	6	10%
Uncomfortable using a computer	6	10%
Had not thought about it	11	18%
Total Valid	61	100%
Total Missing	1	
Total	62	



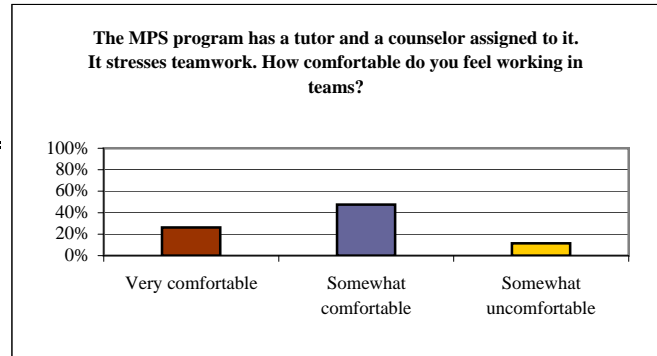
7. What is the primary reason you have not participated in the MPS program? (select one)

Responses	Number	Percentage
Did not know about it	38	64%
Classes were full	2	3%
Classes not offered when I needed	5	8%
Can't commit to 10 hours per week	9	15%
Had not thought about it	6	10%
Total Valid	60	100%
Total Missing	2	
Total	62	



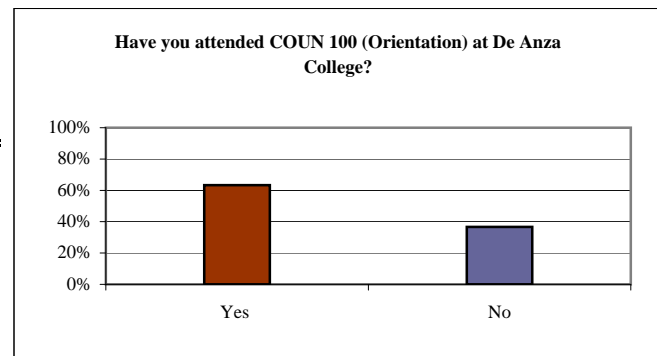
8. The MPS program has a tutor and a counselor assigned to it. It stresses teamwork. How comfortable do you feel working in teams?

Responses	Number	Percentage
Very comfortable	16	26%
Somewhat comfortable	29	48%
Somewhat uncomfortable	7	11%
Not comfortable	4	7%
Not sure	5	8%
Total Valid	61	100%
Total Missing	1	
Total	62	



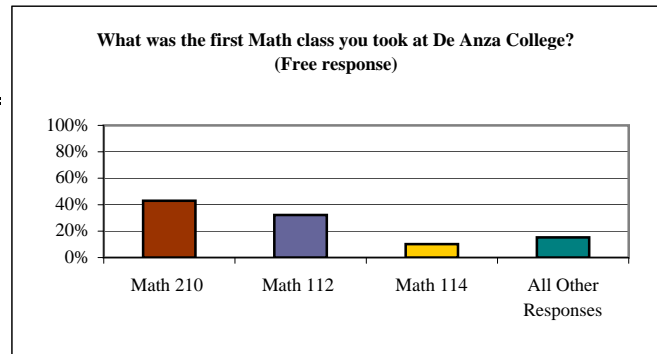
9. Have you attended COUN100 (Orientation) at De Anza College?

Responses	Number	Percentage
Yes	38	63%
No	22	37%
Total Valid	60	100%
Total Missing	2	
Total	62	



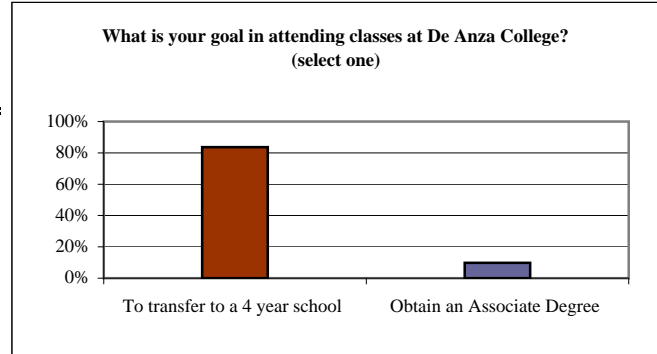
10. What was the first Math class you took at De Anza College? (Free response)

Responses	Number	Percentage
Math 210	25	43%
Math 112	19	32%
Math 114	6	10%
All Other Responses	9	15%
Total Valid	59	100%
Total Missing	3	
Total	62	



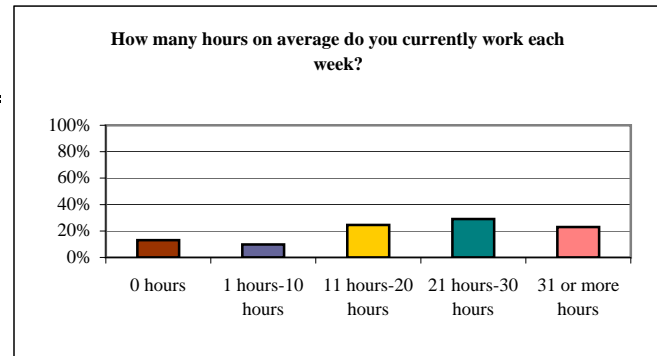
11. What is your goal in attending classes at De Anza College? (select one)

Responses	Number	Percentage
To transfer to a 4 year school	51	84%
Obtain an Associate Degree	6	10%
Obtain a Certificate	2	3%
Take a few classes to get job skills	2	3%
Total Valid	61	100%
Total Missing	1	
Total	62	



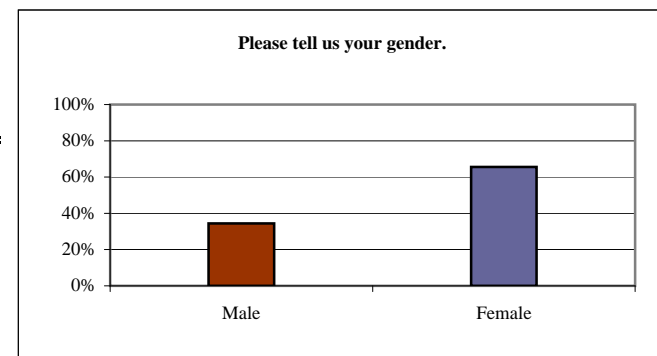
12. How many hours on average do you currently work each week?

Responses	Number	Percentage
0 hours	8	13%
1 hours-10 hours	6	10%
11 hours-20 hours	15	25%
21 hours-30 hours	18	29%
31 or more hours	14	23%
Total Valid	61	100%
Total Missing	1	
Total	62	



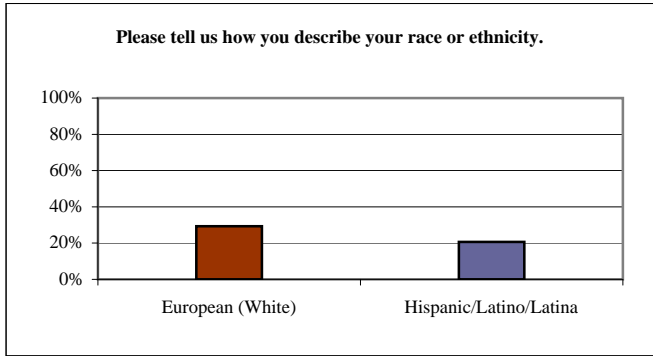
13. Please tell us your gender.

Responses	Number	Percentage
Male	21	34%
Female	40	66%
Total Valid	61	100%
Total Missing	1	
Total	62	



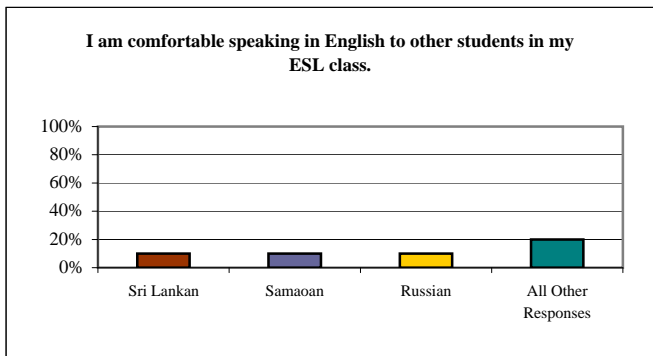
14. Please tell us how you describe your race or ethnicity.

Responses	Number	Percentage
European (White)	17	29%
Filipino	5	9%
Hispanic/Latino/Latina	12	21%
Middle Eastern	4	7%
Vietnamese	10	17%
Not listed above	7	12%
All Other Responses	3	5%
Total Valid	58	100%
Total Missing	4	
Total	62	



14a. Please tell us how you describe your race or ethnicity.
(If not listed above please enter here:)

Responses	Number	Percentage
Sri Lankan	1	10%
Samaoan	1	10%
Russian	1	10%
All Other Responses	2	20%
Total	10	100%



15. What could De Anza do to help you succeed in your mathematics courses? (Free response)

Responses	Number	Percentage
Instructors to explain in detail	23	46%
Tutorial Center longer hours	6	12%
No problem	5	10%
More classes at different times	5	10%
Inform students about programs	4	8%
All Other Responses	7	14%
Total Valid	50	100%
Total Missing	12	
Total	62	

