

***Math You Need When You Need It Attitudinal Survey***  
**Summer 2010**

1. What is your age?

	Count	Percent
Under 20	9	30%
20-24	13	43%
25-34	7	23%
35-54	1	3%
<b>Total</b>	30	<b>100%</b>

2. Please indicate your gender:

	Count	Percent
Male	12	40%
Female	18	60%
<b>Total</b>	30	<b>100%</b>

3. What is your ethnicity?

	Count	Percent
African American	2	7%
Asian	3	11%
Hispanic	10	36%
Other non-white	4	14%
White	9	32%
<b>Total</b>	28	<b>100%</b>

4. How many hours per week are you employed?

	Count	Percent
Not employed	14	47%
Less than 20	5	17%
20-29	6	20%
30-39	4	13%
40 or more	1	3%
<b>Total</b>	30	<b>100%</b>

5. What is your primary language?

	Count	Percent
English (Skip to Question 7.)	24	83%
Spanish (Skip to Question 7.)	3	10%
None of the above	2	7%
<b>Total</b>	29	<b>100%</b>

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6. What is your primary language?

	Count	Percent
Armenian	1	33%
Chinese	1	33%
Russian	1	33%
<b>Total</b>	<b>3</b>	<b>100%</b>

7. Please indicate which best describes your status. I am currently:

	Count	Percent
High school student	2	7%
LAVC student	17	57%
Student at another community college	5	17%
Four year university student	6	20%
<b>Total</b>	<b>30</b>	<b>100%</b>

8. Which of the following best describes you?

	Count	Percent
Day student	20	67%
Both	10	33%
<b>Total</b>	<b>30</b>	<b>100%</b>

9. What is your major?

	Count	Percent
Biology	3	10%
Earth Science	2	7%
Engineering	1	3%
General Studies	1	3%
Liberal Studies	1	3%
Undecided	8	27%
Other	14	47%
<b>Total</b>	<b>30</b>	<b>100%</b>

Other: Accounting  
 English  
 Diesel Technology  
 Anthropology  
 Social Welfare  
 Natural Science  
 Kinesiology  
 Psychology  
 Communications

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10. What is the highest degree or certificate that you ever intend to obtain?

	Count	Percent
High school diploma or GED	8	28%
Certificate in a vocational program	1	3%
Associate Degree	1	3%
Bachelor's Degree	10	34%
Master's Degree	4	14%
Professional Degree (M.D, Law, etc.)	1	3%
Academic Doctorate (Ph.D.,Ed.D)	4	14%
<b>Total</b>	<b>29</b>	<b>100%</b>

11. What is your immediate educational goal while at LAVC? (MARK ALL THAT APPLY)

	Count	Percent
High school diploma or GED	1	3%
Associate degree and preparation for transfer to a 4-year college	11	37%
Associate degree only	3	10%
Transfer preparation only	10	33%
Not seeking a degree/ certificate or already have one	4	13%
<b>Total *</b>	<b>29</b>	

\*Total based on the total number of respondents and not on number of responses.  
Therefore, percentage total does not total to 100%.

12. Are you the first generation in your family to attend college?

	Count	Percent
Yes	13	43%
No	17	57%
<b>Total</b>	<b>30</b>	<b>100%</b>

***What is the highest level of education that any of your family have achieved?***

13. Father

	Count	Percent
Elementary school or less (grades 1-6)	3	10%
Middle school (grades 7-8)	2	7%
Some high school/ secondary school but did not graduate	2	7%
Completed high school/ secondary school/GED	5	17%
Some college but no degree	5	17%
Two-year college degree (Associate)	2	7%
Four-year college degree (Bachelor's)	1	3%
Advanced degree (graduate or professional) (e.g. M.A.,M.D, Ph.D.,M.B.A)	4	13%
I don't know / Not Applicable	6	20%
<b>Total</b>	<b>30</b>	<b>100%</b>

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14. Mother

	Count	Percent
Elementary school or less (grades 1-6)	3	10%
Some high school/ secondary school but did not graduate	2	7%
Completed high school/ secondary school/GED	6	20%
Some college but no degree	5	17%
Two-year college degree (Associate)	3	10%
Four-year college degree (Bachelor's)	4	13%
Advanced degree (graduate or professional) (e.g. M.A.,M.D, Ph.D.,M.B.A)	3	10%
I don't know / Not Applicable	4	13%
<b>Total</b>	<b>30</b>	<b>100%</b>

15. Siblings (brother or sister)

	Count	Percent
Middle school (grades 7-8)	1	3%
Some high school/ secondary school but did not graduate	3	10%
Completed high school/ secondary school/GED	2	7%
Some college but no degree	4	13%
Two-year college degree (Associate)	3	10%
Four-year college degree (Bachelor's)	5	17%
Advanced degree (graduate or professional) (e.g. M.A.,M.D, Ph.D.,M.B.A)	4	13%
I don't know / Not Applicable	8	27%
<b>Total</b>	<b>30</b>	<b>100%</b>

16. Grandparents

	Count	Percent
Middle school (grades 7-8)	1	4%
Some high school/ secondary school but did not graduate	2	7%
Completed high school/ secondary school/GED	3	11%
Four-year college degree (Bachelor's)	2	7%
I don't know / Not Applicable	20	71%
<b>Total</b>	<b>28</b>	<b>100%</b>

17. Chose ONE response that most describes the length of time you and your family have lived in the United States.

	Count	Percent
I have lived in the U.S less than 5 years	1	3%
I have lived in the U.S between 5 and 10 years	1	3%
I was not born in this country but I have lived here more than 10 years	4	14%
I was born in this country but both of my parents were not	14	48%
At least one of my parents was born here, but one or more of my grandparents were not	4	14%
All of my grandparents were born in this country	5	17%
<b>Total</b>	<b>29</b>	<b>100%</b>

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***How do you feel about attending college?***

18. Being a college student has a great deal of personal meaning to me

	Count	Percent
Strongly Agree	24	80%
Agree	5	17%
Disagree	1	3%
<b>Total</b>	30	<b>100%</b>

19. Being enrolled in a college has made me happy

	Count	Percent
Strongly Agree	15	50%
Agree	14	47%
Disagree	1	3%
<b>Total</b>	30	<b>100%</b>

20. In my family, going to college is highly valued

	Count	Percent
Strongly Agree	23	77%
Agree	4	13%
Disagree	3	10%
<b>Total</b>	30	<b>100%</b>

21. My family would be disappointed if I did not go to college

	Count	Percent
Strongly Agree	18	60%
Agree	5	17%
Disagree	5	17%
Strongly Disagree	2	7%
<b>Total</b>	30	<b>100%</b>

22. If I could find another way to achieve my goal, I would not go to college

	Count	Percent
Agree	7	23%
Disagree	13	43%
Strongly Disagree	10	33%
<b>Total</b>	30	<b>100%</b>

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23. If I had a better alternative, I probably would not have enrolled in college

	Count	Percent
Agree	6	20%
Disagree	12	40%
Strongly Disagree	12	40%
<b>Total</b>	<b>30</b>	<b>100%</b>

24. What is your comfort level with mathematics?

	Count	Percent
Very Comfortable	5	17%
Comfortable	7	23%
Moderately Comfortable	8	27%
Uncomfortable	4	13%
Very Uncomfortable	6	20%
<b>Total</b>	<b>30</b>	<b>100%</b>

25. How would you rate your past math experiences?

	Count	Percent
Excellent	6	20%
Good	5	17%
Fair	15	50%
Poor	4	13%
<b>Total</b>	<b>30</b>	<b>100%</b>

26. How important are math skills in your life?

	Count	Percent
Very Important	7	23%
Important	7	23%
Neutral	14	47%
Not Important	1	3%
Not at all important	1	3%
<b>Total</b>	<b>30</b>	<b>100%</b>

27. What is the highest level of math class you took in high school?

	Count	Percent
General Mathematics	2	7%
Algebra	5	17%
Geometry	8	27%
Trigonometry/ Pre-Calculus *	13	43%
Calculus	2	7%
<b>Total</b>	<b>30</b>	<b>100%</b>

\*Note: based on an error found in survey, two answer choices were combined.

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28. What was your average grade in these math classes?

	Count	Percent
A	7	23%
B	8	27%
C	9	30%
D	4	13%
F	1	3%
Not sure	1	3%
<b>Total</b>	30	<b>100%</b>

29. Why are you taking this course? (MARK ALL THAT APPLY)

	Count	Percent
Major	5	17%
Pre-Requisite	4	13%
General Ed Requirement	14	47%
Personal Interest	9	30%
Needed units	7	23%
Transfer Credit	10	33%
Other	1	3%
<b>Total *</b>	50	

\*Total based on the total number of respondents and not on number of responses.  
Therefore, percentage total does not total to 100%.

30. What classes have you taken in college? (MARK ALL THAT APPLY)

	Count	Percent
General Mathematics	3	10%
Pre-Algebra	7	23%
Algebra	7	23%
Geometry	1	3%
Pre-Calculus	1	3%
Calculus	1	3%
Statistics	6	20%
None	12	40%
Other	2	7%
<b>Total *</b>	40	

\*Total based on the total number of respondents and not on number of responses.  
Therefore, percentage total does not total to 100%.

Other: Calculus 3A, 3B, 3C  
Algebra 2

31. Did the *Math You Need When You Need It* practice problems and assessments help you understand the textbook charts/ diagrams and prepare you for the assignments in class?

	Count	Percent
Yes	12	40%
Somewhat	14	47%
No	4	13%
<b>Total</b>	30	<b>100%</b>

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32. Did you complete all of the *Math You Need When You Need It* modules?

	Count	Percent
Yes (Skip to Question 34.)	23	77%
Somewhat	6	20%
No	1	3%
<b>Total</b>	<b>30</b>	<b>100%</b>

33. If you did not complete all of the *Math You Need When You Need It* modules choose the best reason for not completing all of the modules.

	Count	Percent
Ran out of time	2	18%
Did not understand	5	45%
Did not know about the module	2	18%
Some of the modules were too difficult	2	18%
<b>Total</b>	<b>11</b>	<b>100%</b>

34. Which *Math You Need When You Need It* modules did you learn the most from?

	Count	Percent
Hypsometric Curve	4	14%
Unit Conversions	8	29%
Density	5	18%
Slopes	6	21%
Plotting Points	3	11%
Best Fit Line	2	7%
<b>Total</b>	<b>28</b>	<b>100%</b>

35. Which *Math You Need When You Need It* modules did you find the most challenging?

	Count	Percent
Hypsometric Curve	5	18%
Unit Conversions	16	57%
Density	1	4%
Slopes	3	11%
Plotting Points	3	11%
<b>Total</b>	<b>28</b>	<b>100%</b>

36. Which *Math You Need When You Need It* modules did you find to be the easiest?

	Count	Percent
Unit Conversions	1	4%
Density	3	12%
Slopes	1	4%
Plotting Points	15	58%
Best Fit Line	6	23%
<b>Total</b>	<b>26</b>	<b>100%</b>