

# COSMOS - University of California, Santa Cruz - Summer 2002

## Student Questionnaire # 2 (draft 004)

Please reflect on your experiences in COSMOS this summer. We would like your honest impressions of the program, what you learned, what you liked, and how COSMOS can be improved. All of your responses will be treated as confidential and your name will not be used at any time in reporting. Thank you!

**1. Last Name** \_\_\_\_\_ **First** \_\_\_\_\_ **Middle** \_\_\_\_\_

### 2. Your Overall Perceptions of COSMOS

Please circle the number that is closest to how you feel now.

- |   |   |                            |                   |                   |   |   |                |                |                            |                   |                   |
|---|---|----------------------------|-------------------|-------------------|---|---|----------------|----------------|----------------------------|-------------------|-------------------|
| a) I felt welcome and comfortable in COSMOS.  | <table border="1" style="margin: auto; border-collapse: collapse;"> <tr><td style="padding: 2px;">1</td><td style="padding: 2px;">2</td><td style="padding: 2px;">3</td><td style="padding: 2px;">4</td><td style="padding: 2px;">5</td></tr> <tr><td style="padding: 2px;">strongly agree</td><td style="padding: 2px;">somewhat agree</td><td style="padding: 2px;">neither agree nor disagree</td><td style="padding: 2px;">somewhat disagree</td><td style="padding: 2px;">strongly disagree</td></tr> </table> | 1                          | 2                 | 3                 | 4 | 5 | strongly agree | somewhat agree | neither agree nor disagree | somewhat disagree | strongly disagree |
| 1   | 2   | 3                          | 4                 | 5                 |   |   |                |                |                            |                   |                   |
| strongly agree  | somewhat agree  | neither agree nor disagree | somewhat disagree | strongly disagree |   |   |                |                |                            |                   |                   |
| b) Living on campus was a good experience for me.   | <table border="1" style="margin: auto; border-collapse: collapse;"> <tr><td style="padding: 2px;">1</td><td style="padding: 2px;">2</td><td style="padding: 2px;">3</td><td style="padding: 2px;">4</td><td style="padding: 2px;">5</td></tr> <tr><td style="padding: 2px;">strongly agree</td><td style="padding: 2px;">somewhat agree</td><td style="padding: 2px;">neither agree nor disagree</td><td style="padding: 2px;">somewhat disagree</td><td style="padding: 2px;">strongly disagree</td></tr> </table> | 1                          | 2                 | 3                 | 4 | 5 | strongly agree | somewhat agree | neither agree nor disagree | somewhat disagree | strongly disagree |
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| strongly agree  | somewhat agree  | neither agree nor disagree | somewhat disagree | strongly disagree |   |   |                |                |                            |                   |                   |
| c) COSMOS gave me the chance to explore things I was interested in.   | <table border="1" style="margin: auto; border-collapse: collapse;"> <tr><td style="padding: 2px;">1</td><td style="padding: 2px;">2</td><td style="padding: 2px;">3</td><td style="padding: 2px;">4</td><td style="padding: 2px;">5</td></tr> <tr><td style="padding: 2px;">strongly agree</td><td style="padding: 2px;">somewhat agree</td><td style="padding: 2px;">neither agree nor disagree</td><td style="padding: 2px;">somewhat disagree</td><td style="padding: 2px;">strongly disagree</td></tr> </table> | 1                          | 2                 | 3                 | 4 | 5 | strongly agree | somewhat agree | neither agree nor disagree | somewhat disagree | strongly disagree |
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| strongly agree  | somewhat agree  | neither agree nor disagree | somewhat disagree | strongly disagree |   |   |                |                |                            |                   |                   |
| d) Overall, my experience has helped me feel more confident as a math and/or science student.                           | <table border="1" style="margin: auto; border-collapse: collapse;"> <tr><td style="padding: 2px;">1</td><td style="padding: 2px;">2</td><td style="padding: 2px;">3</td><td style="padding: 2px;">4</td><td style="padding: 2px;">5</td></tr> <tr><td style="padding: 2px;">strongly agree</td><td style="padding: 2px;">somewhat agree</td><td style="padding: 2px;">neither agree nor disagree</td><td style="padding: 2px;">somewhat disagree</td><td style="padding: 2px;">strongly disagree</td></tr> </table> | 1                          | 2                 | 3                 | 4 | 5 | strongly agree | somewhat agree | neither agree nor disagree | somewhat disagree | strongly disagree |
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| strongly agree  | somewhat agree  | neither agree nor disagree | somewhat disagree | strongly disagree |   |   |                |                |                            |                   |                   |
| e) My experience has made me more interested in taking science and/or math classes in high school.                      | <table border="1" style="margin: auto; border-collapse: collapse;"> <tr><td style="padding: 2px;">1</td><td style="padding: 2px;">2</td><td style="padding: 2px;">3</td><td style="padding: 2px;">4</td><td style="padding: 2px;">5</td></tr> <tr><td style="padding: 2px;">strongly agree</td><td style="padding: 2px;">somewhat agree</td><td style="padding: 2px;">neither agree nor disagree</td><td style="padding: 2px;">somewhat disagree</td><td style="padding: 2px;">strongly disagree</td></tr> </table> | 1                          | 2                 | 3                 | 4 | 5 | strongly agree | somewhat agree | neither agree nor disagree | somewhat disagree | strongly disagree |
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| strongly agree  | somewhat agree  | neither agree nor disagree | somewhat disagree | strongly disagree |   |   |                |                |                            |                   |                   |
| f) My experience made it more likely that I will take Advanced Placement courses in math and/or science in high school. | <table border="1" style="margin: auto; border-collapse: collapse;"> <tr><td style="padding: 2px;">1</td><td style="padding: 2px;">2</td><td style="padding: 2px;">3</td><td style="padding: 2px;">4</td><td style="padding: 2px;">5</td></tr> <tr><td style="padding: 2px;">strongly agree</td><td style="padding: 2px;">somewhat agree</td><td style="padding: 2px;">neither agree nor disagree</td><td style="padding: 2px;">somewhat disagree</td><td style="padding: 2px;">strongly disagree</td></tr> </table> | 1                          | 2                 | 3                 | 4 | 5 | strongly agree | somewhat agree | neither agree nor disagree | somewhat disagree | strongly disagree |
| 1   | 2   | 3                          | 4                 | 5                 |   |   |                |                |                            |                   |                   |
| strongly agree  | somewhat agree  | neither agree nor disagree | somewhat disagree | strongly disagree |   |   |                |                |                            |                   |                   |
| g) My COSMOS experience will help me in school next year.   | <table border="1" style="margin: auto; border-collapse: collapse;"> <tr><td style="padding: 2px;">1</td><td style="padding: 2px;">2</td><td style="padding: 2px;">3</td><td style="padding: 2px;">4</td><td style="padding: 2px;">5</td></tr> <tr><td style="padding: 2px;">strongly agree</td><td style="padding: 2px;">somewhat agree</td><td style="padding: 2px;">neither agree nor disagree</td><td style="padding: 2px;">somewhat disagree</td><td style="padding: 2px;">strongly disagree</td></tr> </table> | 1                          | 2                 | 3                 | 4 | 5 | strongly agree | somewhat agree | neither agree nor disagree | somewhat disagree | strongly disagree |
| 1   | 2   | 3                          | 4                 | 5                 |   |   |                |                |                            |                   |                   |
| strongly agree  | somewhat agree  | neither agree nor disagree | somewhat disagree | strongly disagree |   |   |                |                |                            |                   |                   |

### 3. Your thoughtful feedback regarding your course “Cluster” experiences are very helpful to COSMOS. Please circle an answer and provide comments for each course.

**3a. Please fill in the official names of your two courses:**

**Course 1** \_\_\_\_\_ **Course 2** \_\_\_\_\_

a) In general, what was presented in this course was the material that I expected to learn.

Course 1:

1	2	3	4	5
strongly agree	somewhat agree	neither agree nor disagree	somewhat disagree	strongly disagree

Course 2:

1	2	3	4	5
strongly agree	somewhat agree	neither agree nor disagree	somewhat disagree	strongly disagree

**COMMENTS:**

**COMMENTS:**

**Course 1** \_\_\_\_\_

b) The material presented in this course was interesting.

Course 1:				
1	2	3	4	5
strongly agree	somewhat agree	neither agree nor disagree	somewhat disagree	strongly disagree

**COMMENTS:**

**Course 2** \_\_\_\_\_

Course 2:				
1	2	3	4	5
strongly agree	somewhat agree	neither agree nor disagree	somewhat disagree	strongly disagree

**COMMENTS:**

c) I didn't understand a lot of what was presented in this course.

Course 1:				
1	2	3	4	5
strongly agree	somewhat agree	neither agree nor disagree	somewhat disagree	strongly disagree

**COMMENTS:**

Course 2:				
1	2	3	4	5
strongly agree	somewhat agree	neither agree nor disagree	somewhat disagree	strongly disagree

**COMMENTS:**

d) The pace of this course was too fast.

Course 1:				
1	2	3	4	5
strongly agree	somewhat agree	neither agree nor disagree	somewhat disagree	strongly disagree

**COMMENTS:**

Course 2:				
1	2	3	4	5
strongly agree	somewhat agree	neither agree nor disagree	somewhat disagree	strongly disagree

**COMMENTS:**

e) A good balance of teaching activities was used to engage me in the learning of the course material (lecture, demonstration, assignments, homework, and individual vs. small group activities).

Course 1:				
1	2	3	4	5
strongly agree	somewhat agree	neither agree nor disagree	somewhat disagree	strongly disagree

**COMMENTS:**

Course 2:				
1	2	3	4	5
strongly agree	somewhat agree	neither agree nor disagree	somewhat disagree	strongly disagree

**COMMENTS:**

f) Overall, the instructor(s) possessed a firm knowledge of the material they presented.

Course 1:				
1	2	3	4	5
strongly agree	somewhat agree	neither agree nor disagree	somewhat disagree	strongly disagree

**COMMENTS:**

Course 2:				
1	2	3	4	5
strongly agree	somewhat agree	neither agree nor disagree	somewhat disagree	strongly disagree

**COMMENTS:**

g) The course instructor(s) prepared classes/activities that were organized and clear.

Course 1:				
1	2	3	4	5
strongly agree	somewhat agree	neither agree nor disagree	somewhat disagree	strongly disagree

**COMMENTS:**

Course 2:				
1	2	3	4	5
strongly agree	somewhat agree	neither agree nor disagree	somewhat disagree	strongly disagree

**COMMENTS:**

**Course 1** \_\_\_\_\_

**Course 2** \_\_\_\_\_

h) I liked this course.

Course 1:				
1	2	3	4	5
strongly agree	somewhat agree	neither agree nor disagree	somewhat disagree	strongly disagree

Course 2:				
1	2	3	4	5
strongly agree	somewhat agree	neither agree nor disagree	somewhat disagree	strongly disagree

**COMMENTS:**

**COMMENTS:**

i) The course instructor(s) showed concern for how well students learned the material.

Course 1:				
1	2	3	4	5
strongly agree	somewhat agree	neither agree nor disagree	somewhat disagree	strongly disagree

Course 2:				
1	2	3	4	5
strongly agree	somewhat agree	neither agree nor disagree	somewhat disagree	strongly disagree

**COMMENTS:**

**COMMENTS:**

j) I gained a lot from interacting with my course instructor(s).

Course 1:				
1	2	3	4	5
strongly agree	somewhat agree	neither agree nor disagree	somewhat disagree	strongly disagree

Course 2:				
1	2	3	4	5
strongly agree	somewhat agree	neither agree nor disagree	somewhat disagree	strongly disagree

**COMMENTS:**

**COMMENTS:**

k) As a result of being in this course, I became more interested in the area/material we covered in the course.

Course 1:				
1	2	3	4	5
strongly agree	somewhat agree	neither agree nor disagree	somewhat disagree	strongly disagree

Course 2:				
1	2	3	4	5
strongly agree	somewhat agree	neither agree nor disagree	somewhat disagree	strongly disagree

**COMMENTS:**

**COMMENTS:**

l) I believe that what I learned in this course will help me in my high school courses.

Course 1:				
1	2	3	4	5
strongly agree	somewhat agree	neither agree nor disagree	somewhat disagree	strongly disagree

Course 2:				
1	2	3	4	5
strongly agree	somewhat agree	neither agree nor disagree	somewhat disagree	strongly disagree

**COMMENTS:**

**COMMENTS:**

m) I believe that what I learned in this course will help me in my college/university courses.

Course 1:				
1	2	3	4	5
strongly agree	somewhat agree	neither agree nor disagree	somewhat disagree	strongly disagree

Course 2:				
1	2	3	4	5
strongly agree	somewhat agree	neither agree nor disagree	somewhat disagree	strongly disagree

**COMMENTS:**

**COMMENTS:**

**3b.** What could be **added** to make the Cluster courses more useful?

**3c.** What could be **dropped** from the Cluster courses?

**4. Current Plans**

a) I am highly motivated now to learn more science in school.

1	2	3	4	5
strongly agree	somewhat agree	neither agree nor disagree	somewhat disagree	strongly disagree

b) I am highly motivated now to study more math in school.

1	2	3	4	5
strongly agree	somewhat agree	neither agree nor disagree	somewhat disagree	strongly disagree

c) I have already decided that I want to go to college.

1	2	3	4	5
strongly agree	somewhat agree	neither agree nor disagree	somewhat disagree	strongly disagree

d) I like science and/or math, but have strong doubts about whether a career in the field is for me.

1	2	3	4	5
strongly agree	somewhat agree	neither agree nor disagree	somewhat disagree	strongly disagree

e) I have already decided that I will go to a university and major in science or math.

1	2	3	4	5
strongly agree	somewhat agree	neither agree nor disagree	somewhat disagree	strongly disagree

f) Attending college doesn't feel like a realistic option for me.

1	2	3	4	5
strongly agree	somewhat agree	neither agree nor disagree	somewhat disagree	strongly disagree

g) I am aware of the careers available to me in math or science.

1	2	3	4	5
strongly agree	somewhat agree	neither agree nor disagree	somewhat disagree	strongly disagree

h) I am not sure that I'd feel comfortable presenting scientific information to others.

1	2	3	4	5
strongly agree	somewhat agree	neither agree nor disagree	somewhat disagree	strongly disagree

i) I feel like I could be a scientist if I wanted to.

1	2	3	4	5
strongly agree	somewhat agree	neither agree nor disagree	somewhat disagree	strongly disagree

j) I feel like I could be a mathematician if I wanted to.

1	2	3	4	5
strongly agree	somewhat agree	neither agree nor disagree	somewhat disagree	strongly disagree

**5. Future Plans/Summary**

a) My experiences in COSMOS have helped me think more about my future career.

1	2	3	4	5
strongly agree	somewhat agree	neither agree nor disagree	somewhat disagree	strongly disagree

b) I have a better understanding of careers in science and math that are available to me than I did before coming to COSMOS.

1	2	3	4	5
strongly agree	somewhat agree	neither agree nor disagree	somewhat disagree	strongly disagree

c) I have a better understanding of what is required for me to succeed in college than I did before coming to COSMOS.

1	2	3	4	5
strongly agree	somewhat agree	neither agree nor disagree	somewhat disagree	strongly disagree

d) As a result of participating in COSMOS, I am more likely to choose a science or math career.

1	2	3	4	5
strongly agree	somewhat agree	neither agree nor disagree	somewhat disagree	strongly disagree

e) The experience I had with COSMOS will benefit me in my future career.

1	2	3	4	5
strongly agree	somewhat agree	neither agree nor disagree	somewhat disagree	strongly disagree

f) If I had the opportunity to do it again, I would sign up for COSMOS.

1	2	3	4	5
strongly agree	somewhat agree	neither agree nor disagree	somewhat disagree	strongly disagree

g) I would encourage a friend to attend COSMOS.

1	2	3	4	5
strongly agree	somewhat agree	neither agree nor disagree	somewhat disagree	strongly disagree

h) Overall, COSMOS met my expectations.

1	2	3	4	5
strongly agree	somewhat agree	neither agree nor disagree	somewhat disagree	strongly disagree

**6. What are your plans when you graduate from high school? Please check all that apply.**

- not sure yet
- not planning to attend college
- work part or full time
- military
- attend out of state college/university (name) \_\_\_\_\_
- attend a California private college/university (name) \_\_\_\_\_
- attend a University of California (name) \_\_\_\_\_
- attend a California State University (name) \_\_\_\_\_
- attend a California Community College (name) \_\_\_\_\_
- other (please specify) \_\_\_\_\_

**7a. What are the subject areas in math, science, or other fields that you are most seriously thinking about majoring in now? Please be specific (i. e. math, computer engineering, oceanography, chemistry, literature).**

- Very unsure, still exploring possible majors
- No change from first day of COSMOS
- Yes, they have changed. Good possibilities now are: 1) \_\_\_\_\_ 2) \_\_\_\_\_ 3) \_\_\_\_\_

**7b. If you marked “Yes”, please describe what in your COSMOS experience influenced the change. (i.e. conversations you had with instructors, content of the courses, interactions with fellow COSMOS participants, or some other reason?) Please be as specific and thorough as you can!**

**8. Please describe what role the high school teachers played in your COSMOS experience. In what ways were they helpful? How important was their help to you? Please be specific.**

**9. Are there any areas where you feel you could use help to get prepared for college (i.e. academic counseling, career planning, financial aid, or preparing for placement tests)?  No  Yes If "yes," please indicate those areas below, and be as specific as possible in describing any other kind of help you think you may need.**

- academic counseling
- information on financial aid
- career planning
- preparing for placement tests
- other (please specify) \_\_\_\_\_
- other (please specify) \_\_\_\_\_
- other (please specify) \_\_\_\_\_
- other (please specify) \_\_\_\_\_

**10. Please provide your rating of the overall quality and usefulness of the following components.**

	Overall Quality				Overall Usefulness			
	1	2	3	4	1	2	3	4
	poor	okay	good	excellent	none	a little	fairly	very
<b>Discovery Lectures</b>								
<b>Science Communication course</b>	1	2	3	4	1	2	3	4
	poor	okay	good	excellent	none	a little	fairly	very

COMMENTS:

**11. Please take a moment to think about all the COSMOS activities you participated in over the last month, in the classroom, in the residence halls, around campus, and field-trips. Please tell us how we can make COSMOS an even better program. Please be specific.**

**11a) Academics (for example, Clusters, special lectures, science communications course, final projects):**

**11b) Residential life (for example, residence hall and advisors, dining hall, field-trips):**

**11c) Other (for example, COSMOS application process, COSMOS rules and expectations, COSMOS information provided before the program started):**

**12. What do you think COSMOS will inspire you to do that you wouldn't otherwise have attempted?**

**13. Considering all the things that influence you in your life, how significant of an experience was COSMOS for you?**

1	2	3	4	5
not at all significant	somewhat significant	significant	very significant	extremely significant

Thank you very much. Enjoy the rest of the summer!