

## **SOAP Goals**

Goal 1. Provide students with a background in the core area of mathematics.

Goal 2. Provide students with opportunities to apply mathematical knowledge to solve theoretical and practical problems.

Goal 3. To encourage a positive attitude towards mathematics and learning.

Goal 4. To encourage the development of communication skills, both written and oral for purposes of conveying mathematical information.

## **Time-Line**

At the end of each semester embedded questions will be placed in the final exams of Math 151, 171 & 152.

At the end of each year seniors will be given an exit survey.

Every five years, the department will send out an alumni survey.

California State University, Fresno  
 Department of Mathematics  
 Graduating Student Survey  
 May 2007

A. Please complete the following demographic information

1. Year you entered CSU, Fresno \_\_\_\_\_
2. You entered CSU, Fresno as a
  - a) Freshman
  - b) Sophomore
  - c) Community College transfer
  - d) transfer from another four year college
  - e) other
3. Your plans for next year are
  - a) to attend graduate school to pursue a PhD in mathematics.
  - b) to attend graduate school to pursue a Masters degree in mathematics at CSU, Fresno.
  - c) to attend graduate school to pursue a Masters degree in mathematics at a university other than CSU, Fresno.
  - d) to teach mathematics in high school.
  - e) to teach mathematics in middle school.
  - f) other: \_\_\_\_\_
4. Your long term career plans are \_\_\_\_\_

B. Please circle the appropriate response in each case.

The courses I have taken in mathematics at CSU, Fresno enable me to

1. read and understand mathematical writing.
 

strongly agree	agree	neutral	disagree	strongly disagree	no opinion
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2. communicate mathematical ideas, both in written and oral form.
 

strongly agree	agree	neutral	disagree	strongly disagree	no opinion
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3. model problems in mathematical form, solve the problems, and translate the solution back to the context of the original problem.
 

strongly agree	agree	neutral	disagree	strongly disagree	no opinion
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4. use appropriate technology to explore and solve mathematical problems.
 

strongly agree	agree	neutral	disagree	strongly disagree	no opinion
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California State University, Fresno  
Department of Mathematics  
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May 2007

C. Overall, how would you rate the quality of your mathematical education at CSU, Fresno?

excellent

good

fair

poor

very poor

D. What are the best aspects of your experience with the Mathematics program at CSU, Fresno?

E. Please list below your suggestions for improving the Mathematics program at CSU, Fresno.  
For example, are there any new courses and/or topics that you would like to see offered?

California State University, Fresno  
Department of Mathematics  
Alumni Survey  
June 2007

A. Please complete the following:

1. Name

2. Current mailing address

3. E-Mail address

4. Year of graduation from CSU, Fresno

5. Major(s)

6. Additional college work since graduation (if any)

7. Current position (title and description, please)

8. Previous position (title and description, please)

B. Overall, how would you rate the quality of your mathematical education at CSU, Fresno?

excellent

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very poor

California State University, Fresno  
Department of Mathematics  
Alumni Survey  
June 2007

C. Please provide any examples of how your education from the Department of Mathematics at CSU, Fresno has impacted your career.

D. Based on your experiences, what are the strengths of the Department of Mathematics at CSU, Fresno?

E. What suggestions would you give for improving and strengthening the activities of the Department of Mathematics at CSU, Fresno?

F. Please use the back side of this page if you wish to make any additional comments.