# PREVIEW INSTRUMENT SALG-M MASTER, SUMMER 2009

This page allows to you to preview an instrument. From this page, you can make a copy the entire instrument without changes, copy questions from the instrument, or make a copy of the instrument with changes.

- Status: Completed
- Instructor: Sandra Laursen
- Institution: U Colorado Boulder
- Department: E&ER
- Course: SALG-M MASTER
- Semester: summer 2009
- Description: Master copy of the SALG-M (SALG for mathematics courses) developed by Hassi & Laursen for the Inquiry-Based Learning in Mathematics Project.
- Survey start date: 2009-07-16
- Survey end date: 2009-07-16
- Visibility: Public

## Instructions to students:

Teachers value students' feedback and take it into account when improving their courses. Please be as precise as you can in your answers. Please choose "not applicable" for any activity you did not do. You may find one or more questions at the end of each section that invite an answer in your own words. Please comment candidly, bearing in mind that future students will benefit from your thoughtfulness. Remember that this is an anonymous survey: your teacher will never know what any individual student has written.

You may see the following note next to some questions:

- "D" — Department question. The department head can view the responses to these questions.

## The Class Overall

1. HOW MUCH did the following aspects of the class HELP YOUR LEARNING?

   - The overall approach to teaching and learning in this course
   - How class topics, activities, reading and assignments fit together
   - The pace of the class
   - The workload of the class
   - The general atmosphere of the class
   - The course material
   - The mental stretch required of you

## Class Activities

2. HOW MUCH did each of the following aspects of the class HELP YOUR LEARNING?

   - Listening to lectures
   - Studying on your own
   - Participating in class discussions
   - Participating in group work during class
   - Explaining your work to other students
   - Hearing other students explain their work
   - Giving presentations in front of class
   - Writing solutions to problems
   - Checking solutions to problems
   - Working on a computer
2.11 Examining children's mathematical work

2.12 Please comment on how this class has CHANGED THE WAYS YOU LEARN mathematics.

Assignments, graded activities and tests

3. HOW MUCH did each of the following aspects of the class HELP YOUR LEARNING?

3.1 Taking tests
3.2 Doing other assignments
3.3 Doing homework
3.4 Preparing class presentations
3.5 The fit between class content and tests
3.6 The match between the grading system and what you needed to work on
3.7 The mental stretch required on tests
3.8 The feedback you received on your written work

Class Resources

4. HOW MUCH did each of the following aspects of the class HELP YOUR LEARNING?

4.1 Textbook
4.2 Course handouts or "scripts"

The information you were given

5. HOW MUCH did each of the following aspects of the class HELP YOUR LEARNING?

5.1 Explanation of how the class activities and assignments related to each other
5.2 Explanation given by instructor of how to learn or study in this class

Support for you as an individual learner

6. HOW MUCH did each of the following aspects of the class HELP YOUR LEARNING?

6.1 Interacting with the instructor DURING class
6.2 Interacting with the instructor OUTSIDE class
6.3 Working with teaching assistants DURING class
6.4 Working with teaching assistants OUTSIDE class
6.5 Working with peers DURING class
6.6 Working with peers OUTSIDE class

Your understanding of class content

7. As a result of your work in this class, what GAINS DID YOU MAKE in your UNDERSTANDING of each of the following?

7.1 The main concepts explored in this class
7.2 The relationships among the main concepts
7.3 Your own ways of mathematical thinking
7.4 How mathematicians think and work
7.5 How ideas from this class relate to ideas outside mathematics
7.6 How children solve mathematical problems
7.7 How to make mathematics understandable for other people

7.8 Please comment on how YOUR UNDERSTANDING OF MATHEMATICS HAS CHANGED as a result of this class.

7.9 Please comment on how THE WAY THIS CLASS WAS TAUGHT affects your ability to REMEMBER key ideas.

Increases in your skills

8. As a result of your work in this class, what GAINS DID YOU MAKE in the following SKILLS?

8.1 Communicating about mathematics
8.2 Working on your own
8.3 Organizing your work and time
8.4 Working well with others

Class impact on your attitudes

9. As a result of your work in this class, what GAINS DID YOU MAKE in the following?

9.1 Confidence that you can do mathematics
9.2 Comfort in working with complex mathematical ideas
9.3 Development of a positive attitude about learning mathematics
9.4 Appreciation of mathematical thinking
9.5 Comfort in communicating about mathematics
9.6 Confidence that you will remember what you have learned in this class
9.7 Persistence in solving problems
9.8 Willingness to seek help from others
9.9 Comfort in teaching mathematics
9.10 Please comment on how has this class CHANGED YOUR ATTITUDES toward this subject.

Integration of your learning

10. As a result of your work in this class, what GAINS DID YOU MAKE in INTEGRATING the following?

10.1 Appreciating different perspectives
10.2 Stretching your own mathematical capacity
10.3 Using systematic reasoning in my approach to problems
10.4 Using a critical approach to analyzing data and arguments in my daily life
10.5 What will you CARRY WITH YOU into other classes or other aspects of your life?