



PREVIEW INSTRUMENT SALG-M MASTER, SUMMER 2009

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- **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 

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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?	no help	a little help	moderate help	much help	great help	not applicable
1.1 The overall approach to teaching and learning in this course	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
1.2 How class topics, activities, reading and assignments fit together	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
1.3 The pace of the class	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
1.4 The workload of the class	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
1.5 The general atmosphere of the class	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
1.6 The course material	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
1.7 The mental stretch required of you	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Class Activities

2. HOW MUCH did each of the following aspects of the class HELP YOUR LEARNING?	no help	a little help	moderate help	much help	great help	not applicable
2.1 Listening to lectures	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2.2 Studying on your own	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2.3 Participating in class discussions	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2.4 Participating in group work during class	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2.5 Explaining your work to other students	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2.6 Hearing other students explain their work	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2.7 Giving presentations in front of class	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2.8 Writing solutions to problems	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2.9 Checking solutions to problems	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2.10 Working on a computer	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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?

no help a little help moderate help much help great help not applicable

3.1 Taking tests

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3.2 Doing other assignments

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3.3 Doing homework

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3.4 Preparing class presentations

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3.5 The fit between class content and tests

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3.6 The match between the grading system and what you needed to work on

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3.7 The mental stretch required on tests

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3.8 The feedback you received on your written work

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Class Resources

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

no help a little help moderate help much help great help not applicable

4.1 Textbook

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4.2 Course handouts or "scripts"

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The information you were given

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

no help a little help moderate help much help great help not applicable

5.1 Explanation of how the class activities and assignments related to each other

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5.2 Explanation given by instructor of how to learn or study in this class

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Support for you as an individual learner

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

no help a little help moderate help much help great help not applicable

6.1 Interacting with the instructor DURING class

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6.2 Interacting with the instructor OUTSIDE class

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6.3 Working with teaching assistants DURING class

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6.4 Working with teaching assistants OUTSIDE class

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6.5 Working with peers DURING class

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6.6 Working with peers OUTSIDE class

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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?

no gains a little gain moderate gain good gain great gain not applicable

7.1 The main concepts explored in this class

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7.2 The relationships among the main concepts

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7.3 Your own ways of mathematical thinking

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7.4 How mathematicians think and work

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7.5 How ideas from this class relate to ideas outside mathematics

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7.6 How children solve mathematical problems

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7.7 How to make mathematics understandable for other people

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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?

no gains a little gain moderate gain good gain great gain not applicable

8.1 Communicating about mathematics

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8.2 Working on your own

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8.3 Organizing your work and time

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8.4 Working well with others

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Class impact on your attitudes

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

no gains a little gain moderate gain good gain great gain not applicable

9.1 Confidence that you can do mathematics

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9.2 Comfort in working with complex mathematical ideas

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9.3 Development of a positive attitude about learning mathematics

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9.4 Appreciation of mathematical thinking

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9.5 Comfort in communicating about mathematics

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9.6 Confidence that you will remember what you have learned in this class

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9.7 Persistence in solving problems

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9.8 Willingness to seek help from others

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9.9 Comfort in teaching mathematics

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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?

no gains a little gain moderate gain good gain great gain not applicable

10.1 Appreciating different perspectives

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10.2 Stretching your own mathematical capacity

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10.3 Using systematic reasoning in my approach to problems

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10.4 Using a critical approach to analyzing data and arguments in my daily life

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10.5 What will you CARRY WITH YOU into other classes or other aspects of your life?