Assessment Data is from what semester?  Fall, 2014

Faculty Name(s):  William Wong

1. Course Name and Number:
Math 191

2. List all Course SLOs from the Course Outline of Record:

Student Learning Outcome:
The student will:
1. Gain mastery of the skills needed to use signed numbers.
2. Demonstrate a systematic and logical approach to solving arithmetic problems.
3. Demonstrate the knowledge and skills required to select the correct introductory formulas, procedures and concepts from algebra and geometry and use them to calculate and problem

3. Specific Course SLO(s) assessed as part of this project:
3. Demonstrate the knowledge and skills required to select the correct introductory formulas, procedures and concepts from algebra and geometry and use them to calculate and problem

4. Is this course on GE Plan A?  ___ Yes  X  No  (See Catalog pages 49-51 & page 55)
If Yes, identify what area. (All GE course assessments count as GE assessments.)
   ___ Area I Natural Sciences
   ___ Area II Social and Behavioral Sciences
   ___ Area III Fine Arts/Humanities
   ___ Area IV Language and Rationality
   ___ Area V Physical Education/Wellness
   ___ Area VI Intercultural/International Studies
   ___ Area VII Information Competency

5. How did you assess the SLO(s)? (Attach any related documents at end of form.)
I assessed the SLO by analyzing their homework and chapter 3 quizzes. Quizzes are always conducted before tests are given, because the quiz results help me analyze their progress, and I would give more explanations to help them prepare for their chapter 3 test.
For example, some students did not perform well with geometry concepts such as: area and perimeter, because they often were confused with the differences between area and perimeter. I gave improved lectures that emphasized the concepts again, and let all students divide into groups of 2-3 to work together in order to discuss concepts of area and perimeter. The partners helped explain to each other their troubles over the concepts and worked on problems to help them learn the concepts. Their participation helped them understand the concepts better, and I gave them extra homework. Also, students were encouraged to see deaf math tutors and faculty tutoring. In general, they performed better on their tests versus their previous quizzes.
6. Results and analysis of the data. (Attach any related documents at end of form.)

I collected data of student’s exam scores, and their exam scores (quiz on Chapter 3: solving application problems) written test results. A summary of the data is as follows:

- 6 students quiz scores = chapter 3 quiz results: (1) 50%, (2) 60%, (3) 100%,  (4) 90%, (5) 100%, (6) 85%.
- Chapter 3 test results: (1) 70%, (2) 73%, (3) 91%, (4) 73%, (5) 70%, (6) 85%.

Overall, they received better scores than their first quiz after practicing the concepts in my lectures, seeing the instructor and math tutors for help.

7. What are you going to do based on the results of the data? (Any planned revisions?)

Based on the results, I will make sure to give a clearer, more concise lecture that emphasizes the concepts they should know. I will also divide the students into groups to learn from their peers if they are confused. Working with their peers will allow them to hear a different explanation of the concepts. I will also give extra homework assignments. Also, those of the students were encouraged to see deaf math tutors.

Please save your finished document in the following format. (Date should be for the semester in which data was collected; same date should be listed at top of this form.)

yyyysemester-sloa-courseid.doc
Example: 2014spring-sloa-engl101c.doc