### STUDENT LEARNING OUTCOMES REPORT

**MATH 151 (ALGEBRA I)**

**Fall 2013**

<table>
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<tr>
<th>A</th>
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<tr>
<td><strong>INSTRUCTORS</strong></td>
<td><strong>SLO items</strong></td>
<td><strong>ASSESSMENT METHODS USED BY INSTRUCTORS</strong></td>
<td><strong>ASSESSMENT INFORMATION</strong></td>
<td><strong>SUMMARY OF DATA COLLECTED</strong></td>
</tr>
<tr>
<td>Anh Nguyen</td>
<td>Math 151</td>
<td>Use similar question. One question for SLO #2. Details are below.</td>
<td>Please see the next page</td>
<td>The results are based on 66 students from three sections.</td>
</tr>
<tr>
<td>Dangthu Ta</td>
<td>SLO # 2,</td>
<td></td>
<td></td>
<td>Part #1: Set up the equation 48/66 approx. 73%</td>
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<tr>
<td>William Wong</td>
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<td>Part #2: Solve it correctly after setting up: 36/66 approx. 55%</td>
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**SLO #2: Set up stated problems algebraically and solve the resulting equations.**
We recorded the results based on:

#1: The number of students who set up the problem correctly.

#2: The number of students who both set up and solved the problem correctly.

Goals and Plans for improving student achievement in Math 151 (Algebra I).

1. Increase tutoring time in the Math Learning Center and provide more embedded tutors in the classrooms.

2. At the beginning of each semester, instructors who teach this course should meet to review student performance data, and discuss about the time length each instructor should spend on those sections that students did poorly. For instance, Math 151 instructor should spend extra time on those sections that have word problems.

3. Give more quizzes and homework on the sections that the percentage of passing is low.

4. Require a lot of paper homework from students along with the online homework they do daily.

5. Encourage students to graph on paper carefully by hand before they looked at the multiple-choice answers.

6. Make students do work on papers and collect the problems randomly.

7. Make tests that match with the assigned homework.

8. Make the notebook suggestion at some point to the students.

9. Post the review sheets, solutions (steps by steps) to the problems online.