**Name:** Dr. Raluca Felea  
**Course:** Matrices and Boundary value problems  
**Project Name:** Improvement of students’ performance by using the homeworks  
**Date:** 3/26/05

**Problem:** Many students do not complete their homeworks. Some of them do not like to do the homeworks. They do not understand that the homework is a good help for a better understanding of the material. Often their final grade is altered because of the bad homework grade.

**Goal:** Make students understand the importance of the homework and make them do the homework.

**Target Students:** Lazy students and careless students; students who do not know how to get help for homework.

**Proposed Solution:**

Section I: Quiz students from homework. No collection of homeworks.

Section II: Collect homeworks and ask students to keep a folder with the homeworks. After 5/6 weeks they must come to my office and solve a problem from the homework.
**Successes:** Better performance from students from section II.

**Obstacles:** None.

**Surprises:** The students from section I did very little of their homeworks.

**Comparative Results:**

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<th>Exam 1</th>
<th>Exam 2</th>
<th>Final</th>
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<tbody>
<tr>
<td>Section I</td>
<td>83.2</td>
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<td>63.9</td>
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<td>Section II</td>
<td>85.4</td>
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Assessment: Comparison of grades; teacher observation and student feedback.

Conclusion: Better results from section II.

Future Study: Continuing to improve the performance of students by using the homeworks.

Resources – Faculty/Student Advisors: Dr. Mike Radin

Resources – People: Susan Donovan

Resources – Conferences: FLC- Lily Conference