

**FACULTY LEARNING COMMUNITY
PROJECT FORM**

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:

	Exam 1	Exam 2	Final
Section I	83.2	64.2	63.9
Section II	81.2	72.8	74.8

	Quiz 1	Quiz 3	Quiz 5
Section I	80	60.7	84.1
Section II	85.4	75.6	86.6

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