

RIVIER COLLEGE
MATHEMATICS/CS DEPARTMENT
FALL 2004

Professor: Teresa Magnus
Office: Downstairs Regis
E-mail tmagnus@rivier.edu

Phone (school) 603-897-8462
(home) 603-672-9473

COURSE: MA200S

PREREQUISITES: Successful completion of a Rivier College mathematics course, good basic algebra skills, good communication skills, ability to make people feel at ease, permission of the department.

COURSE DESCRIPTION

This course is a stand-alone service learning course for the purpose of providing assistance to the Mathematics/CS Department in delivering support for students in the course MA100. It consists of training for leading mathematics lab sessions specific to MA100, leading the lab sessions, and evaluating the lab sessions and the program at large.

REQUIRED TEXTS AND READINGS

The text *Mathematics in Action: An Introduction to Algebraic, Graphical, and Numerical Problem Solving* will be used by students attending your lab sessions. A few copies will be made available to lab leaders.

COURSE OBJECTIVES

1. Assist students in becoming more comfortable with mathematics and logic
2. Clarify students' understanding of mathematics concepts
3. Correct students' misunderstandings in mathematics
4. Grow in working with others in small groups and in one on one situations
5. Gain insights into leading and teaching

COURSE REQUIREMENTS

1. Attend a preliminary training session as preparation for functioning as a lab leader.
2. Make every attempt to attend at least one of the Math 125 class meetings to introduce yourself and show your interest in the regular classes' meetings.
3. Lead a minimum of 20 lab sessions.
4. Keep an accurate record of each lab session's attendance and update instructor biweekly.
5. Meet with the course instructor at least 3 times during the semester to review your progress as a lab leader, ask questions and report any issues and concerns about your work and the program.
6. Provide a final report about what you've learned about yourself and mathematics through this experience.
7. Report any concerns about lab sessions to the course instructor immediately.
8. Be prepared for students having a variety of feelings about math and about attending the lab sessions.

RIVIER COLLEGE
SERVICE LEARNING CONTRACT
MA200S
FALL SEMESTER 2004

This contract between the Rivier College student and the professor is an agreement to fulfill the following objectives:

The student agrees to:

- Act in a professional manner, maintaining confidentiality and participating in the scheduled math lab sessions for MA100 for which s/he has volunteered;
- Visit at least one class meeting of MA100A, MA100B or MA100C for a portion of the class unless all conflict with his/her own class schedule;
- Obtain an initial training from the MA200S supervising instructor;
- Meet at least three times during the semester with the MA200S supervising instructor to discuss the lab session program;
- Contact the MA 200S supervising instructor whenever there are any lab situations that cause her/him concern; and
- Complete a report at the end of the semester that summarizes her/his experience in the math lab program; i.e., what was learned about her/himself and mathematics.

The professor agrees to:

- Provide initial training for the student;
- Be available for ongoing support for the student;
- Provide the student with timely and constructive feedback on her/his performance; and
- Return the student's final report with comments within one month after the semester has been completed.

It is agreed by the student, the professor, and Rivier College policy that this is a one credit course and that the grade will be reported as a Pass/Fail.

Signature of Professor

Signature of Student

Date

Date

Student ID # (on Service Learning Coordinator copy)