

MAE 540 CLINICAL EXPERIENCE

FALL 2013

Instructor: Lisa Berger

Office: Math 4-105

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Current Office Hours:

Mondays: 1:00-3:00, Room 4-105

Tuesdays: 1:15-2:15, Room P-143

By appointment. Please send email to schedule.

Office hours may be adjusted to accommodate the instructor's schedule and/or student needs. Students unable to meet during scheduled office hours are encouraged to schedule an appointment with the instructor.

0.1. General Information. This is a practical course in the teaching of mathematics in the secondary schools. The primary component consists of supervised classroom experience in local public schools. To satisfy this internship requirement, each student will spend 24 hours in a middle school setting, 24 hours in a high school setting, and an additional 18 hours in an inclusion setting, at either the middle school or high school level.

Students must work under the supervision of at least two cooperating teachers. Your experiences should include:

- Assisting students during class; working with individual students or with small groups.
- Reviewing homework problems with the class.
- Marking or checking homework assignments.
- Grading a test or a set of papers and analyzing the results.
- Constructing a test and/or several other class activities, such as a "Do Now."
- Developing at least one lesson plan, teaching it, and evaluating it.
- Assisting the math team or helping with a math fair.
- Familiarizing yourself with the computer facilities available to your students, with the mathematics software in the building, and with the Learning Center, if one is available. You may assist in the Learning Center or in the math office.

Students must submit original, signed logs indicating dates and number of hours for each of the three placements. Students may be asked to submit written reflections and/or analyses of various classroom visits. Additional details on observation requirements will be provided in class.

Please remember that you are a guest at each school you visit; you are expected to dress and act professionally. Inappropriate or unethical behavior is grounds for course failure and dismissal from the teacher education program.

A student failing to complete the internship requirement may not receive a grade above a C- for the course.

0.2. Course Materials. There is no required textbook for this class. Students are expected to become increasingly familiar with the NCTM Principles and Standards and with the New York State Common Core Learning Standards for Mathematics, including the Standards for Mathematical Practice. Some useful websites are:

- <http://www.sunysb.edu/pep/assessment.shtml>
- http://www.p12.nysed.gov/ciai/common_core_standards/
- <http://illustrativemathematics.org/>
- <http://ime.math.arizona.edu/progressions/>
- <http://commoncoretools.wordpress.com/>
- <http://www.ccsso.org/resources/programs/>
- <http://www.highered.nysed.gov/tcert/resteachers/codeofethics.html>

0.3. Attendance. Regular attendance and active class participation are essential components of the course, and students are expected to attend class regularly. A student should not miss more than one class during the semester.

0.4. Homework and written assignments. Homework will be assigned and collected regularly, and late homework will not be accepted. Homework may include, but not be limited to: readings, reflections on clinical experiences, lesson planning, and analyses of high school mathematics content. Additional assignments may be completed and collected during class. Students are expected to be present for class, and missed homework or classwork may not be completed for credit. The lowest homework or classwork score, excluding formal lesson plans, will be dropped.

0.5. Final Grades. Course grades will be based on the following:

- (1) Attendance, Active Class Participation, and Internship Hours 50%
- (2) Homework/Classwork/Written Lesson Plans 50%

Students are expected to attend class regularly; more than one absence or late arrival may result in a significantly reduced attendance and class participation score. Class participation may include presentation of lessons to your peers.

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A	90%-100%
B	80%-89%
C	70%-79%

Additionally, a student failing to complete the internship requirement may not receive a grade above a C- for the course.

0.6. Academic Integrity:

Each student must pursue his or her academic goals honestly and be personally accountable for all submitted work. Representing another person's work as your own is always wrong. Faculty are required to report any suspected instances of academic dishonesty to the Academic Judiciary. Faculty in the Health Sciences Center (School of Health Technology & Management, Nursing, Social Welfare, Dental Medicine) and School of Medicine are required to follow their school-specific procedures. For more comprehensive information on academic integrity, including categories of academic dishonesty, please refer to the academic judiciary website at <http://www.stonybrook.edu/uaa/academicjudiciary/>

0.7. Americans with Disabilities Act: If you have a physical, psychological, medical or learning disability that may impact your course work, please contact Disability Support Services, ECC (Educational Communications Center) Building, room128, (631) 632 – 6748. They will determine with you what accommodations, if any, are necessary and appropriate. All information and documentation is confidential.

Students who require assistance during emergency evacuation are encouraged to discuss their needs with their professors and Disability Support Services.

0.8. Critical Incident Management: Stony Brook University expects students to respect the rights, privileges, and property of other people. Faculty are required to report to the Office of Judicial Affairs any disruptive behavior that interrupts their ability to teach, compromises the safety of the learning environment, or inhibits students' ability to learn. Faculty in the HSC Schools and the School of Medicine are required to follow their school-specific procedures.