

MAE 530 Course Outline Spring 2005

Instructor: Bernard Maskit

Office: Math 5-112

Phone: 632-8257

e-mail: bernie@math.sunysb.edu

Office Hours: TBA

MAE 530 is a one credit writing course required for the Master of Arts in Teaching Mathematics Program.

FIRST MEETING OF THIS CLASS WILL BE WEDNESDAY, JANUARY 26, 2005, AT 5:20 P.M. IN MATH 5-112. IF FOR ANY REASON YOU CANNOT ATTEND THIS MEETING, PLEASE NOTIFY THE INSTRUCTOR AS SOON AS POSSIBLE.

The topic for this semester is: Teaching in a multi-level mathematics classroom. We will discuss this topic at our weekly meetings, tentatively scheduled for Wednesdays at 5:20 p.m. Students, working in groups, or singly, will explore the literature on this topic, and will, **INDIVIDUALLY** write a 12-15 page paper on this topic. Possible topics for the individual papers include: Moral or political imperatives; scientific evidence; philosophical beliefs; Public attitudes; The perspective of the PTA parent; web based information and/or propaganda.

You must hand in a first draft of at least 8 pages by 04/22/05. The final draft of the paper is due on 05/12/05.

Grading Schedule: Class Participation: 25%; Appropriateness of the arguments and basic logic of the paper: 40%; Grammar and grammatical structure: 25%; Timeliness of submissions: 10%.

NOTE: If you have a physical, psychological, medical or learning disability that may impact on your ability to carry out assigned course work, I would urge that you contact the staff in the Disabled Student Services office (DSS), Room 133 Humanities, 632-6748/TDD. DSS will review your concerns and determine, with you, what accommodations are necessary and appropriate. All information and documentation of disability is confidential. Note that we cannot make special arrangements for students with disabilities except for those determined by DSS.