

- assessment activities and materials
- linkage with the NCTM standards document

You will have the opportunity to teach to your peers one lesson from your unit. Lesson choice to be negotiated with instructor. **Unit due October 4. Note that you are responsible for getting materials for your presentation to the students at all locations (campus, Southaven, and Tupelo) PRIOR to the class period of your presentation. This will require advanced planning!!!**

(10%) Submit one-page critiques (with references cited) of four journal or web based articles that address issues and concerns of teaching secondary level mathematics. **Due September 27.**

(10%) Submit the URL, a brief description, and a brief review of 6 mathematics web sites appropriate for secondary mathematics. Maximum number of pages **2 typewritten pages. Due October 25.**

The purpose of this assignment is to strengthen students' internet search techniques and to enable students to investigate the wide array of resources the internet has to offer mathematics teachers.

(10%) Reflective Journal including Statement of teaching/learning philosophy **Due weekly beginning August 30. Submit by email to mjhobbs@olemiss.edu no later than 11:59 pm each Sunday prior to the next class with final summary Journal entry to be submitted at the Final Examination class. You should have a total of 13 journal entries.**

Your Reflective Journal should include the “lesson behind the lesson” thoughts for each week. It should be one robust, thoughtful paragraph or approximately page. However, it is difficult to prescribe another’s reflection. One week’s entry might be directly related to the discussion or activities from the week’s class. Or it may be something more “behind the scenes”. For example, suppose we are doing a math activity in class in groups and you notice something about the way groups are formed or some aspect of the group dynamic in your own group struck you as important information about teaching/learning. Your lesson behind the lesson is probably something we didn’t discuss explicitly in class, but our reflections about the “background” issues are often what we remember and can employ in our own teaching. These reflections could include observations about “what to do” or “what *not* to do” as both aspects are important learning experiences.

(10%) Assessment Test with solutions on specified topic to be determined **Due November 29.**

Although you will provide written assessments in your selected unit, each class member will also prepare an assessment (test) with solutions for the same set of learning outcomes.

(20%) Textbook Readings, Class Participation and Individual Class Presentations. Throughout the course, we will have many mathematics activities,

assignments, reactions and mini-presentations of class activities. Some may be completed in class, others may be assigned on one class day and due the following week and others may take more than one session to complete. You are expected to have completed the textbook readings prior to the class on which they are listed for discussion.

(20%) Comprehensive Final Examination. The final examination will include topics from the 12 chapters in the Huetinck text and topics from the NCTM Standards document.

Course Assessment: Course grades are based on required work, class participation, and peer assessment, etc., as outlined above. Every student must take the final examination at the time scheduled. No exceptions will be made. Check now to note the date and time of your final exam. Note: Class attendance is required for class participation.

Special Dates:

- September 6, Labor Day Holiday
- September 27, Deadline for course withdrawals
- October 8, Progress Reports Due
- November 22-26, Thanksgiving Holidays
- December 3, Last Day of Class
- December 6 – 10, Final Examinations

MATH 390 - 01
Course Schedule* Fall 2004

Aug. 23	Introductions/technology familiarization
Aug. 30	All "Front Matter" and Chapters 1 & 2
Sept. 6	Labor Day Holiday
Sept. 13	Chapters 3, 4, and 5
Sept. 20	Chapters 6, 7
Sept. 27	Chapters 8, 9, and 10
Oct. 4	Chapters 11 and 12
Oct. 11	Lesson Presentations
Oct. 18	Featured Speaker
Oct. 25	Lesson Presentations
Nov. 1	Lesson Presentations
Nov. 8	Lesson Presentations
Nov. 15	Featured Speaker
Nov. 22	Thanksgiving Holiday
Nov. 29	Lesson Presentations
Dec. 6	Final Examination 7:30 pm

*This schedule is subject to change at the discretion of the instructor.
A revised schedule will be provided with student presentations scheduled.

Fill out this page and turn it in to the instructor of the class.

Name (PRINT): _____

Student ID Number: _____

Course: MATH 390 – 01 Fall 2004

Instructor: Margie Hobbs

By signing this document, I agree that I have read the syllabus for this course and that I am aware of the terms, conditions, policies and requirements of the class.

Signature

Date