

MAYLAND COMMUNITY COLLEGE
Welcomes You To:

Mat 140A.95 - Survey of Mathematics Lab

1 hour credit/2 hours contact

Fall 2006

Course Description

This course is a laboratory for Mat 140. Emphasis is placed on experiences that enhance the materials presented in class. Upon completion, students should be able to solve problems, apply critical thinking, work in teams, and communicate effectively.

Pre-requisites: Mat 070

Co-requisites: Mat 140

Instructor Information

Instructor: Sandra Pierce
Office Location: Room 243
Telephone Number: 828-765-7351, ext 215
Faculty fax number: 828-765-2327
E-mail Address: spierce@mayland.cc.nc.us
Office Hours: As posted and by appointment

Course Information

Term: August 17 through December 14, 2006
Snow Schedule: n/a
Text and Materials: Blitzer, Robert. Thinking Mathematically. Third Edition. Upper Saddle River, New Jersey: Pearson/Prentice Hall: 2005.
Resource/LRC materials (if any): N/A
Required supplies: A TI-82 or TI-83 graphing calculator is suggested material for this class. A scientific calculator is required material if a graphing calculator is not purchased
Required Software: To access your online course you will need access to the Internet. For best results, use a Netscape or Microsoft Internet browser in version 5 or better. Although there are no absolute requirements, computers with faster Internet connections, faster processors, and more memory will get better results. Keep in mind that if you have difficulties connecting to the class or a slow connection, the problem could be occurring at many levels.

Course Objectives/Competencies: *This course provides an introduction in a non-technical setting to selected topics in mathematics. Students will:*

1. Solve practical problems;
2. Reason and communicate with mathematics.
3. Work confidently, collaboratively and independently.
4. Use a calculator accurately and appropriately.
5. Develop the ability to critically analyze a problem and select the most appropriate method of solution.

Units of Study

Module 1 Sets and Logic

Module 2 Algebra and Modeling

Module 3 Mathematics of Finance

Module 4 Metrics and Geometry

Module 5 Probability and Statistics

Attendance Policy/Tardiness/Make-Up Work: Although experience in online course-taking is not required, students should prepare themselves for the unique setting of online learning. Online learning is reading and writing intensive and requires some basic technical skills. Successful online learners are good at scheduling their time in an organized fashion.

If you have not taken an online course, begin by reviewing the course calendar and making note of when assignments are due. Writing assignments are due on the Wednesday of each week. Practice using LEO, the Internet and e-mail through LEO. If you still have questions, don't be afraid to ask your instructor or other college staff for help.

If a student has not been in contact with the instructor and has not attended class for a consecutive two-week period, an administrative withdrawal will be submitted by the instructor. If you have made no submissions or have not sent any e-mails to the instructor for two consecutive weeks, you are considered absent from class and will be withdrawn from the class. Once you have been withdrawn you may not re-enroll in the class until next semester.

Grading Criteria/Tests/Projects:

Major Assignments

The major assignments in this course will include:

*Ice Breaker Assignment

*Weekly writing assignments

*Collaborative assignments

For a more detailed list of your assignments, look at the "Course Schedule" section of your syllabus.

Grading Scale

A total of **500** points are available in this course. Scores will be posted in the Mat 140A Grade Book under in as timely a manner as possible.

Areas of Evaluation

Points for this course will come from the following areas:

- Icebreaker – 50 points
- 4 Message Board Assignments @ 25 points each – 100 points
- 2 Small Group Assignments @ 25 points each – 50 points
- 6 Writing Assignments @ 50 points each – 300 points

- Total points - 500

Your final grade will be based on the following scale:

500 - 450 points (90%) - A
449 - 400 points (80%) - B
399 - 350 points (70%) - C
349 - 300 points (60%) - D
299 or below - F

All assignments are to be submitted in accordance with the Course Schedule. Late submissions will be penalized by 1 point per day beyond the due date.

Incompletes: Incompletes will be granted **ONLY** in extreme circumstances and at my sole discretion. If an incomplete is granted, it is the student's responsibility to see that all aspects of the syllabus are completed prior to April 28, 2007. There will be no reminders sent or phone calls made to prompt the student to cure the incomplete. If the incomplete is not cured by the deadline above, the incomplete will automatically convert to an F for the course, and the entire course must be repeated.

Inclement Weather Procedures:

N/A This is an online class.

Behavior/Academic Standards/Student Expectations/Ethics: In addition to good academic performance, students should exhibit honesty and integrity. If there is any question that academic honesty and integrity are not honored, students may be required to redo assignments in the presence of an instructor-selected monitor. Proof of dishonesty, including plagiarism, will make students subject to disciplinary action. Please consult your college catalog for more information.

Students are expected to behave appropriately in class, even online. Students must respect the comments and opinions of others on the discussion board. Students must refrain from profane language on the discussion board. Any one cheating on a test or quiz or presenting another person's work as his or her own work (plagiarism) will be given a zero for the assignment and referred to the Academic Dean for disciplinary action. Cheating is defined as giving or receiving assistance.

Withdrawal Dates:

If you wish to audit this course or add another course, you must file a drop/add form with the registrar prior to August 23. If you cannot meet the course requirements or you must withdraw from this class, you must file a drop form with the registrar to avoid a failing grade on your transcript. You can withdraw unconditionally without grade penalty prior to September 22. From September 23 to October 30, you may withdraw with a grade of WP or WF, to be determined by the instructor. You may not withdraw from any class after October 30. Exceptions to this deadline will be made only in cases of extreme emergency (such as serious illness or family emergency.) This is a school wide Mayland Community College policy.

If a student has not been in contact with the instructor and has not attended class for a consecutive two-week period, an administrative withdrawal will be submitted by the instructor. If you have not made a submission or have not sent any e-

mails to the instructor for two consecutive weeks, you are considered absent from class and will be withdrawn from the class. Once you have been withdrawn you may not re-enroll in the class until next semester.

Any student requesting special accommodations for this course due to a disability should apply for services through the SOAR Office or the Counseling Center, which will document the disability. A counselor will then help determine which accommodations, if any, the student needs for success in this course.