



Math 1160 – Finite Mathematics

Class Syllabus - Spring 2009

Instructor Website: <http://homepages.wmich.edu/~scopelan>

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Office Hours: By Appointment

Undergraduate Program Goal: To support the Haworth College of Business mission statement, "To deliver the best undergraduate business program in Michigan and the surrounding states by the year 2006", by providing quality instruction in fundamental skills involving finite mathematics.

Course Description: This course is designed to give the student a background in the elements of finite mathematics. The following topics will be included: linear equations, linear inequalities, matrices, linear programming, mathematics of finance, difference equations, sets, counting, and introduction to probability.

Prerequisite: A passing grade (C or better) in MATH 1100 or a satisfactory score on an appropriate placement exam (ACT, SAT, WMU Mathematics Placement Examination). MATH 1110 is recommended.

Student Goals: To gain the basic knowledge about linear functions, matrices, financial computations, and probability and to apply them in the business setting. These skills support some of the objectives as stated in the BBA program; mainly to understand essential business knowledge and make effective business decisions.

This course satisfies the requirement of the General Education Proficiency 3: College-Level Mathematics or Quantitative Reasoning. It is also a prerequisite course for STAT 2160; which requires a passing grade of C or better in MATH 1160.

Textbook: Finite Mathematics & Its Applications, 9th Edition, by Goldstein, Schneider, and Siegel

Graphing Calculator: TI - 83, TI - 83 Plus or TI - 84

Grading Scale:	Letter Grade	From		Up to (but less than)
	A	91 %	-	100 %
	BA	87 %	-	91 %
	B	81 %	-	87 %
	CB	77 %	-	81 %
	C	70 %	-	77 %
	DC	66 %	-	70 %
	D	60 %	-	66 %
	E	0%	-	60 %

Grade Breakdown: Homework/Quizzes/Worksheets/Attendance - 25%
Test 1 - 25%
Test 2 - 25%
Final Exam - 25%

Grade Monitoring: Keep all homework assignments, quizzes, worksheets, and tests filed together so that you can study from them. Refer to the online grade sheet to monitor your progress in the class.

Withdrawal: The last day to withdraw from the class without academic penalty is **Monday, March 16, 2009.**

Incomplete: An incomplete will only be given according to University and Departmental policy. An incomplete is not a substitute for a failing grade. It is given only after completing a major portion of the coursework with a passing grade, and circumstances beyond your control prevent you from completing the coursework.

Academic Integrity / Ethics: You are responsible for making yourself aware of and understanding the policies and procedures in the Undergraduate and Graduate Catalogs that pertain to Academic Honesty. These policies include cheating, fabrication, falsification and forgery, multiple submission, plagiarism, complicity and computer misuse. [The policies can be found at www.wmich.edu/catalog under Academic Policies, Student Rights and Responsibilities.] If there is reason to believe you have been involved in academic dishonesty, you will be referred to the Office of Student Conduct. You will be given the opportunity to review the charge(s). If you believe you are not responsible, you will have the opportunity for a hearing. You should consult with me if you are uncertain about an issue of academic honesty prior to the submission of an assignment or test.

Homework Notebook (Assignments):

1. The problems to be completed for each text section are located on the MATH 1160 Instructor website.
2. Solutions to the homework problems are located on the Math 1160 Instructor website.
3. All assignments should be kept in a notebook or binder, which will be handed in on test days. Make sure each homework assignment is clearly marked with the assignment number and problem numbers.
4. Assignments are to be written on 8.5" x 11" paper with a pencil.
5. Neatness and organization of each problem counts. The problems are to be in order. It is your responsibility to show that you understand the concept that the problem is covering. List the steps that you used to arrive at the answer.
6. Your instructor has the right not to grade the notebook/assignment if it doesn't meet the above guidelines.
7. Late notebooks will only be accepted upon the approval of your instructor.

Quizzes:

1. Three (3) formal quizzes will be given in class.
2. Missed quizzes will only be allowed to be made up upon the approval of your instructor.
3. Your instructor has the right *not* to give a make-up quiz for any reason.

Worksheets:

1. Worksheets will be given in class to supplement course material and prepare you for quizzes and tests.
2. Worksheets may be completed in class, so attendance at every class is mandatory.

Attendance:

1. Attendance will be taken at every class.
2. Each class attendance is worth 2 points (toward your HQWA grade).

Tests:

1. There will be two tests and a final exam. The dates for the tests are listed in the class schedule.
2. The only electronic device that is allowed for the tests and exam is a calculator approved by the instructor. If during a test or an exam, you use an electronic device that is not approved by the instructor, the instructor has the right to terminate your test or exam.
3. If you miss a test, you must fill out a MATH 1160 Make-Up Test Application Form (that you can access from the website) and turn it in to your instructor. Make-up tests will be made up during the last final exam period on **Friday, April 24, 2009, at 12:30 pm.** Make-Up Test Application Forms must be submitted by **Friday, April 17, 2009.**
4. Final Exam Dates and Times are listed on the class schedule. You can only take the final exam at the listed date and time based on your scheduled section of Math 1160.
5. There will be no make-up final exam.

Tutor Lab: The recitation instructors and others offer tutoring (partially provided by a course fee that you have paid). The days, times, and location of the tutor lab will be announced in class and then posted on the instructor's website.