

University of Minnesota Duluth  
Finite Mathematics and Introductions to Calculus  
Math 1160 Section 1  
Fall 2007

**Instructor:** Deanna Riley      **Office:** SCC 72      **Phone:** 726-7200

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**Office Hours:** MWF 11 – 11:50 a.m. and 1 – 1:50 pm. or by appointment.

**Class times:** MWF from 8:00-8:50 am. in LSci 185

**Discussion sections:** Meet on Tuesday and Thursday as follows

Section 2	8 - 8:50 am in Cina 308
Section 3	9 - 9:50 am in HH 216
Section 4	10 - 10:50 am in DAdB 16A
Section 5	11 - 11:50 am in Chem 251
Section 6	12 - 12:50 pm in Engr 118
Section 7	4 - 4:50 pm in Cina 202

**Teaching Assistants:**

Discussion Section	Name	Office	Phone	Email
2, 3, 4	Tou Zhao	152	726-7153	zhaox240
5, 6, 7	Jerimi Walker	115	726-6239	walke376

**Text:** *Finite Mathematics + Applied Calculus*, 4<sup>th</sup> Edition by Stefan Waner and Seven R. Costenoble, published by Thomson.

**Course Content:** This course introduces the concepts of mathematics used in business, social sciences, and life sciences. It covers matrices, determinants, graphical and algebraic methods for solving systems of linear equations and inequalities, an introduction to linear programming and an abbreviated treatment of calculus.

**Material to be covered:** Select sections from chapters 1-4, and 9-14.

**Homework:** Online homework will be given regularly and posted at <http://www.webassign.net/>. We may also be doing paper homework which will be turned in Thursday in discussion before the quiz.

**Quizzes:** During Thursday's discussion group (except exam weeks) there will be a 20 point quiz. **No make-up quizzes will be given unless prior arrangements are made with your TA,** however, **the lowest quiz score will be dropped.**

**Exams:** There will be 3 in-class exams worth 100 points each. **No make-up exams will be given unless prior arrangements are made with the instructor.** Exam dates will be announced in class at least one week in advance.

**Final Exam:** A cumulative final exam worth 200 points will be given during exam week. I have requested a common exam time and will notify you about the time and place of the final exam as soon as I know.

**Grades:** Grades will be based from the following areas:

Homework (online)	100 pts.
Quizzes: approximately 11 quizzes, 20 points each (lowest score dropped)	200 pts.
3 in-class exams: 100 points each	300 pts.
Final Exam: cumulative	200 pts.

**Note:** Number of quizzes and homework is approximate and there may be some written homework to turn in.

Grades will be assigned according to the following scale:

A	93-100%	C+	77-79%
A-	90-92%	C	73-76%
B+	87-89%	C-	70-72%
B	83-86%	D	60-69%
B-	80-82%	F	Below 60%

**Prerequisites:** SP-1005, credit will not be received if credit granted for: 1290, 1296 QP-1002, 1003.

**Cell Phones:** Cellular telephones and other communication devices are prohibited during quizzes and exams. Having any communicating device out during an exam will be considered cheating and result in an immediate zero. Also note it is discourteous and a distraction to have ringing phones during class time. If you do not turn off your ringer you may be asked to leave the room.

**Calculators:** A scientific or graphing calculator without symbolic capabilities is required for this course. Calculators with symbolic capabilities such as the TI-89 will not be allowed. Consult the instructor if you have a question about your calculator. The instructor may limit the use of a calculator on some quizzes and some exam questions.

**Policies:** All students at UMD must be in compliance with the student conduct code in the policies and procedures section of the university catalog, specifically in this course with regards to scholastic dishonesty. Academic integrity is of utmost importance and all procedures and sanctions will be followed as per the university catalog.

**Special Needs:** An individual who has a disability, either permanent or temporary, which might affect his/her ability to perform in class should contact the instructor as soon as possible so that methods, materials, and/or tests can be adapted as needed to provide for equitable participation.

**Liberal Education Category:** This course satisfies Category Two-Math, Logic and Critical Thinking. This course introduces students to mathematics essential to business and economics majors. Topics include probability, the normal distribution, and the calculus and its role in modeling real-world problems.