

# Finite Mathematics and Its Applications

Math 162- Sections 401&402

Spring 2012

Section 401 : TR 6-7:15 pm in CB 347

Instructor : Sue Foege

Section 402 : TR 7:30-8:45 pm in CB 341

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Office Hrs : By Appointment

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**Text** : Applied Finite Mathematics, custom version, by Tan (ISBN 0-495-02556-9)

**Calculator** : Any calculator may be used with the exception of one with internet access or one with a computer algebra system (CAS)

**Content** : Chapters 1-7 ; with homework at Mathclass.org .

Topics covered are linear equations, models and optimization, finance, combinatorics and probability. More detail, including a tentative weekly schedule, can be found at [www.ms.uky.edu/ma162](http://www.ms.uky.edu/ma162)

**Course Objectives**: added comfort in complex decision making procedures, so that you are better prepared to handle problems in life science and management

**Exams** : Uniform; given on Mondays – Feb 6, Mar 5, and Apr 9 – 5:00-7:00 pm

Note : In case of time conflicts there is an alternate exam given on the same day at 3pm. If you have a time conflict **I must be notified (via email) by Jan 23**

**Final Exam** : Wednesday May 2 – 8:30-10:30 pm ; a conflict with a course with a lower number course must be submitted (via email) no later than Monday, April 23.

**Grading** : Each of the four exams is worth 20% of your final grade, attendance and participation (including quizzes and group work) is worth 10%, and homework is worth the remaining 10%. All homework is handled at [www.mathclass.org](http://www.mathclass.org)

**Course Policies** : Behave professionally and be courteous to your classmates. This includes arriving to class on time, and leaving when the class is finished. All cell phones must be on vibrate and put away.

For a class absence to be excused, I must be **informed within one week (via email) of the missed classed**. If you miss several classes in a row, that means within one week of the first missed class. Exam absences not reported (via email) within 12 hrs of the beginning of the exam will not be excused. Exam absences will only be excused if they meet the university excused absence policy and are subject to strict verification.

Excused absences will not lower your grade. Unexcused absences will result in loss of attendance and participation points.

**NOTE** : Homework cannot be turned in late for any reason, and must be submitted at mathclass.org.

**Please inform me (via email) before Feb 1 if you need special accommodations for religious reasons, and ASAP for disability or extra-curricular reasons.**

**Student Honesty** : While collaboration is encouraged, all work that is turned in must reflect each individual's efforts. Plagiarism is a serious academic offense. Cheating on quizzes or exams will be handled according to university policy and can result in a failing grade for the class or an even more serious consequence.

**Some Important Semester Dates:**

- January 18 - Wednesday - Last day to add a class for the 2012 Spring Semester
- March 5 - Monday - Midterm of 2012 Spring Semester
- March 12-17 - Monday through Saturday - Spring Vacation - Academic Holidays
- March 26-April 17 - Monday through Tuesday - Priority registration for the 2012 Fall Semester and both 2012 Summer Sessions
- April 27 - Friday - Last day of classes
- April 30-May 4 - Monday through Friday - Final Examinations

