Finite Mathematics and Its Applications

MA162 Syllabus

Sections 001-006 (MW 9:00am in FB200)
Sections 007-012 (MW 12:00pm in CP153)
Sections 013-018 (MW 2:00pm in CP153)
Spring 2013

Jack Schmidt

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Schedule: A calendar of all class meetings is available on the course website. Dr. Schmidt holds his office hours in the Mathskeller (CB63) on Mondays and Wednesdays from 4pm to 5pm. There are three evening exams at 5:00pm-7:00pm. They occur on February 4, March 4, and April 8, all Mondays. In case of time conflict, alternate exams are available the same day at 3:00pm, but you must notify me in writing by Tuesday Jan 22, 5pm. The final exam will be Tuesday Apr 30, 6:00-8:00pm; conflicts with other final exams of lower numbered courses must be submitted in writing no later than Tuesday, April 16th, 6pm.

Policies: Behave professionally in class, and address your peers in the classroom courteously. Inform me in writing before January 30th of any special accommodations needed for religious reasons, and as soon as possible for disability or extra-curricular reasons. Please inform your instructor in advance and in writing of any absences. Class absences not reported in writing within one week of the first day of absence are not excused; exam absences not reported within 12 hours of the beginning of the exam are not excused. Exam absences are only excused if they meet the university excused absence policy and are subject to strict verification. Excused absences will not lower your grade, but unexcused absences result in no credit for that day's attendance and recitation points. Homework must be turned in through the web homework system at mathclass.org and late homework is worth half credit until dawn Saturday, April 27th.

In writing means paper in my POT715 mailbox, email to ⟨jack.schmidt@uky.edu⟩, or text to 512-522-5137. In all cases, leave a clear message including your name and course (MA162).

Content: We will cover chapters 1-7 of a custom edition of Tan's *Applied Finite Mathematics*, ISBN 0-495-02556-9. We will cover: linear equations, models, and optimization; finance; combinatorics and probability. You should expect to become more comfortable with decision procedures that must take into account more than one input and more than one constraint, and so should be better prepared to handle problems in management.

Grading: Each of four exams is worth 20% of your final grade, recitation participation is worth 10% of your final grade, and homework is worth 10% of your final grade. Grades are assigned on the standard scale, 90-100% is an A, 80-89% is a B, 70-79% is a C, 60-69% is a D, and below 60% is an E. Recitation participation is described by your recitation instructor. Homework is handled through the Mathclass website.

Collaboration: Collaboration is encouraged. Any work turned in for grading will be individually assessed and should represent an individual's work, but it is assumed that that work was done in a collegial atmosphere. Plagiarism is a serious academic offense. Your ideas are valuable; please present your own ideas after having listened to the ideas of your colleagues. Ideas are meant to be shared, understood, and reshaped, not simply copied. Cheating on quizzes or tests will be handled in accordance with university policy, and can result in a failing grade for the entire course and even more serious consequences.