Mathematics 105, Fall 2011 (Section #13988)
Topics in Mathematics

INSTRUCTOR: Prof. Jeremy Martin
  Office: 623 Snow Hall, (785) 864-7114
  Office hours: TBA

TEACHING ASSISTANTS: Khoa Le (graduate assistant), Emily Cheng, Ganchimeg Ganpurev, Brock Mark, Tyrone Polleri, Brendan Stevens

LECTURES: MWF 3:00 – 4:00 PM, 120 Budig Hall

CONTACT US: `math105-f11@math.ku.edu` (we will generally respond within 24 hours)

CLASS WEBSITE: `http://www.math.ku.edu/~math105-f11`
The website will contain general information about the course, including announcements, policies, and important dates (but not homework assignments, which will be on the MyMathLab site). You are responsible for all information posted on the website.

HELP ROOM: The Math 105 Help Room is located in **Snow 151** and will be open 10–5 on weekdays (see website for the schedule), staffed by the TAs and Prof. Martin. **The best way to get help on homework is to come to the Help Room.**

COURSE DESCRIPTION: Math 105 will cover a range of topics in modern mathematics, including voting systems, fair-division problems, networks, optimization, and symmetry. The focus will be on using mathematical tools to understand the real world.

PREREQUISITES: Math 101 or Math 104, or two years of high school algebra and a score of 26 or higher on the ACT mathematics exam, or a qualifying score on the Mathematics Placement Test. For information on advising and/or placement, contact Lindsey Deaver, Mathematics Department Advisor, at `ldeaver@ku.edu`.

E-MAIL: I will periodically send class information to all students' KU e-mail accounts. You are responsible for checking your e-mail regularly so as to receive this information.

TEXTBOOK: *Excursions in Modern Mathematics*, University of Kansas custom edition, by Peter Tannenbaum. Available at KU Bookstore (`http://www.kubookstore.com`; 1-800-458-1111). You may need to supply a small 3-ring binder.

MYMATHLAB: All students must register for the online homework system MyMathLab at `http://www.mymathlab.com`. An access code is included with the course packet available at the Bookstore. See the last page of this handout for registration instructions. The Course ID is **martin72146** and KU's ZIP code is **66045**. When you register for MyMathLab, *use the same first name, last name, and KU e-mail address that you use for Enroll & Pay*, to ensure that your grades are recorded properly.

Homework and other course materials are not available through Blackboard.

Course Requirements

HOMEWORK: Regular homework assignments are due every Wednesday evening at 11:59 PM, starting on **Wednesday, August 24.**

Late homework will not be accepted.

Homework will cover material from the previous week and will be available no later than the Friday evening before the deadline. All homework is on the MyMathLab website. Most problems will be similar to the exercises in the textbook, although some (typically one or two per week) may cover additional material discussed in lecture. There will be a total of fifteen problem sets over the semester. Your three lowest scores (including any missed assignments) will be dropped.

Pearson maintains a hotline at 1-800-677-6337 for help with technical MyMathLab issues. You can also e-mail or chat live with a Pearson customer service rep (see the course website for links).

TESTS: There will be three in-class tests on the following dates: **Friday, September 23**; **Monday, October 24**; and **Monday, November 21**. Each test will consist of approximately twenty to thirty multiple-choice and short-answer questions. Test questions will be similar to homework problems.

FINAL EXAM: The final exam will be given on **Tuesday, December 13, 1:30–4:00 PM**, in Budig 120. The exam will cover material from the entire semester, and will be approximately two to three times as long as the in-class tests.

TEST AND EXAM PROCEDURES: Seats will be assigned for tests and the final exam (check the MyMathLab site for your assigned seat). Bring your KU ID card and a #2 pencil. You may use a calculator (a graphing calculator is not required). No other aids are permitted. Two students may not share a calculator.

GRADES: Your final score in the class will be calculated as follows:
- Homework: 150 points
- Test #1: 150 points
- Test #2: 150 points
- Test #3: 150 points
- Final exam: 400 points
- **Total: 1000 points**

Letter grades will be assigned according to the following scale:

A:	900-1000
B:	800-899
C:	700-799
D:	600-699
F:	599 and below

No +/− grades will be used. At the discretion of the instructor, these gradelines may be adjusted after the final exam, but only in a way that will improve letter grades.

Course Policies and Additional Information

CLASSROOM CONDUCT: I expect you to be courteous to other students in the class. In particular, refrain from activities that can be distracting to others, including cell phone conversations, reading the newspaper, or excessive laptop use.

MAKEUP TESTS: Makeups are for situations in which you miss a test due to either (a) a documented emergency or (b) a legitimate, unavoidable conflict of which you inform Prof. Martin **in advance** (for example, a field trip required as part of another KU course). Makeups will always be given after the date of the regularly scheduled test.

APPROXIMATE TIME COMMITMENT: This is a 3-credit course, so most students will need to spend about 6 (or more) hours per week outside of class in order to earn a decent grade. In addition to spending time on homework problems, you should get into the habit of reading a section or two ahead in the book, so as to be better prepared for lecture.

DROP DATES: Add/Drop matters are handled by the KU Registrar (151 Strong Hall; 785-864-4423; http://www.registrar.ku.edu). Through September 10, you may drop a course and have it removed from your record. From September 11 through November 16, you may withdraw from a course (a grade of W will appear on your transcript). After November 16, dropping is not permitted.

INCOMPLETES: A grade of I is a rare occurrence and is reserved for cases in which a student has completed most of the course work at an acceptable level, but is prevented from completing the course due to extraordinary circumstances. If you think an I may be warranted, you must consult Prof. Martin *before* the final exam. A grade of I **cannot** be made up by taking the course again.

ACADEMIC HONESTY AND COLLABORATION: You are required to abide by all KU policies on academic integrity. For complete details, see
  http://documents.ku.edu/policies/governance/USRR.htm#art2sect6.
Cheating, plagiarism or other academic misconduct will result in a failing grade on the assignment in question, and usually further disciplinary sanctions, possibly including an F grade in the course.
   You are encouraged to collaborate with other students on the homework assignments. However, intellectual honesty requires that each student submit his or her own solutions. It is a violation of academic integrity to copy another student's homework, or to let someone else copy yours.

STUDENTS WITH DISABILITIES: The KU Office of Disability Resources (22 Strong Hall; 785-864-2620 (V/TTY); http://www.disability.ku.edu) coordinates accommodations and services for all students who are eligible. If you have a disability for which you wish to request accommodations, please contact Disability Resources as soon as possible. Please also contact Prof. Martin privately in regard to your needs in this course.

RELIGIOUS HOLIDAYS: If you plan to observe a religious holiday which conflicts in any way with the course schedule or requirements, contact Prof. Martin at the beginning of the semester to discuss alternative accommodations.

INTELLECTUAL PROPERTY: Course materials prepared by the instructor, together with the content of all lectures and review sessions, are the intellectual property of the instructor. Video and audio recording of lectures and review sessions without the consent of the instructor is prohibited. Upon reasonable request, the instructor will usually grant permission to record lectures, on the condition that such recording is used only as a study aid by the student making the recording, and is not modified or distributed in any way. Course materials posted online are exclusively for the use of students in Math 105, and must not be redistributed without the instructor's consent.

Welcome Students!

MyMathLab and *MyStatLab* are interactive websites where you can:
- Self-test & work through practice exercises with step-by-step help to improve your math skills.
- Study more efficiently with a personalized study plan and exercises that match your book.
- Get help when YOU need it. MyMathLab & MyStatLab include multimedia learning aids, videos, animations, and live tutorial help.

Before You Begin:
To register for MyMathLab you will need:

☑ **A student access code** (packaged with your new text, sold at your bookstore, or available for purchase with a major credit card at www.coursecompass.com)

☑ **Your instructors' Course ID:** _____

☑ **Your school's zip code:** _____

☑ **A valid email address** that you check regularly

Student Registration:
- Enter **http://www.coursecompass.com** in your Web Browser.
- Under **Students**, click Register.
- Read the "Before you start" information and click **Next.**
- Enter your **Course ID** exactly as provided by your instructor and click "**Find Course.**" *Your course information should appear. If not, contact your instructor to verify the correct Course ID.*
- Select **Access Code**, type your **Access Code** in the fields provided (one word per field), and click **Next**. *If you do not have an access code, click Buy Now and follow those prompts to purchase and register.*
- Read the License Agreement and Privacy Policy and click "**I Accept.**"
- On the Access Information Screen, you'll be asked whether you already have a Pearson Education Account. Click:
  - "**YES**" if you have registered for other Pearson online products and already have a login name and password. Fields will appear for you to enter your existing login information.
  - "**NO**" if this is the first time you have registered for a Pearson online product. Boxes will appear for you to create your login name and password.
  - "**NOT SURE**" if you want to check for a pre-existing account and receive an email with your login name and password.

Simply follow the registration screens and enter your information as prompted. You will enter your name, email address, school information, and provide a security question/answer to ensure the privacy of your account.

Once your registration is complete, you will see a **Confirmation** screen (this information will also be emailed to you).
Simply print your confirmation (remember to **write down your login name and password**) and you are now ready to
Log in and access your resources!

Logging In:
- Go to www.coursecompass.com and click on **Log In**.
- Enter your **login name** and **password** and click **Log in**.
- On the left, click on the name of your course.

The first time you enter your course from your own computer and anytime you use a new computer, click the **Installation Wizard** or **Browser Check** on the Announcements page. After completing the installation process and closing the wizard you will be on your course home page and ready to explore your MyMathLab/MyStatLab resources!

Need help?
Contact Product Support at **http://www.mymathlab.com/student-support** for live CHAT, email, or phone support.

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