

**Mathematics for elementary teachers II MATH 152  
Syllabus Fall 2008**

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**Office hours:** Monday & Wednesday 2 – 3 pm

Tuesday & Thursday 1:30 – 2:30 pm

Tuesday and Wednesday 6 – 9 pm

We will cover the material in class with a mix of lectures, worksheets, and student presentations. Please feel free to ask questions and pose comments in class.

You should look over your notes before you start your homework. My lessons contain lots of examples similar to the homework problems. You will save yourself much stress by studying the notes.

**Website ([www.stlmath.com](http://www.stlmath.com)):**

The Website has many resources for you. You should use it when you miss class or when you need clarification of an announcement or policy. You can access everything you need from here including the following.

- Daily Log, a day-by-day account of class activities and announcements
- Assignments, suggested exercises in the book
- Tentative exam schedule, a list of the exams, the sections they cover, and tentative dates
- Syllabus
- Handouts and worksheets
- Solutions to some of the worksheets
- Links to the book's Web resources including MyMathLab

**Textbook and Calculator:**

· *A Problem Solving Approach to Mathematics for Elementary School Teachers*, Billstein, Libeskind, & Lott, 2007, ninth edition. The ISBN is 0-321-33179-6. We will cover chapters 7 through 11, and possibly chapter 12.

· A student solutions manual is available for the textbook. The ISBN is 0-321-33126-5. This book has fully worked solutions to the odd numbered exercises.

· The supplement *Mathematics Activities for Elementary School Teachers: A Problem Solving Approach*, Dolan, Williamson, & Muri, 2007, sixth edition, will also be used. The ISBN is 0-321-40898-5. The textbook and this workbook are bundled together in the bookstore.

· A new textbook purchase includes a subscription to MyMathLab which provides additional tutorials and resources through the Web. We will discuss these resources more in class. The bookstore sells the textbook and activities supplement bundled together with MyMathLab. There will be graded assignments from it.

· **You are required to buy a protractor and compass.** We will use them starting with chapter 9.

· **A scientific calculator is required.** We will use it quite a lot. Get it as soon as you can.

### **Evaluation/Point Breakdown:**

Attendance	20% of total
Worksheets and Quizzes	35% of total
Four Exam Grades	45% of total

· The grade scale is A – 90%, B – 80%, C – 70%, D – 60%.

· We will have four exams. The exam component of your grade will be the average of these exams. You may make up an exam if it is missed. The makeup policy is described below. If we do not get to chapter 11, there will be only three exams. In that case, the average of the three exams will make up the exam component of your grade.

· We will have special projects under the “Worksheets and Quizzes” category above. These will include, but are not limited to, student presentation of new material and homework, multimedia projects, and other projects that the class deems useful.

· There is no comprehensive final exam. However, the last exam of the semester will include some questions covering important topics from the entire semester. This last exam will be held the last day of class and cannot be made up.

· The breakdown of book material on each exam is below. This may change slightly. Dates will be provided in class.

Exam	Sections covered	Tentative schedule
1	7.1 – 7.5	
2	8.1, 8.2, 9.1 – 9.4	
3	10.1 – 10.4	
4	11.1 – 11.5, semester review	

- We may have Homework Quizzes. They will consist of two or three problems directly from the current homework problems. Keep current on your homework and bring it to class.

- Worksheets and other assignments compose a good deal of your grade. The exact number of worksheets and quizzes varies but usually it's between 15 and 20. Make sure you make them up if you miss them.

### **Attendance and makeup policies:**

- Attendance is mandatory. You are expected to come to class prepared. Poor attendance is a sure way to flunk. You should work hard on all (graded and ungraded) worksheets and assignments. They are carefully designed to help you tackle hard concepts. Attendance will be taken daily and will comprise 20% of your grade.

- **When you miss class, it is your responsibility to find out what you missed by going to the Daily Log on the Website.** Of course, make sure you understand the material covered that day. Also, the items in bold were collected for a grade. It is your responsibility to print out the assignment or worksheet from the Website. When this is possible, the item will be underlined. All you need to do is click on it to open it, and then print it. All worksheets and handouts are also available from my office door. **To be graded, the following information should be printed in the upper right corner of the paper: your full name and the original name and date of the assignment. Also clearly print MU at the top of the page next to your name.** This stands for “makeup”. (Please do **not** include your social security number.) Points will be deducted if these instructions are not followed. Turn in late assignments by dropping them into the appropriately labeled folder on my office door.

- **You will have one week from the original due date to turn in a make-up assignment (except exams; A makeup exam must be completed within three school days.)** You must obtain prior permission from me to extend this deadline. If you are going to miss class for several days, check the Website regularly so you can keep up. **You can make up a maximum of four assignments and/or exams.** You are not required to give me an excuse for the absence. All late work is due by the last day of class. You are allowed to make up only one exam. You will receive a 0 for any other missed exams.

· When you miss an exam, I will automatically send a make-up exam to the Assessment Center at the end of the day. You will have **three school days** (not including day of exam) to schedule a time and take the exam. If you need an extension, talk to me in person or on the phone. If you have not taken it or talked to me during the three day period, you will receive a 0.

· You will make up exams in the **Assessment Center** which is located in **Haskell Hall HK B-25**. (It is located in the basement of Haskell Hall.) Their **hours of operation** are noon – 7:45 pm Monday through Thursday, and 8:00 am – 4:30 pm Friday. Simply stop by with enough time to finish your exam during their hours. Their phone number is 468-5230 or 468-5231 in case you want to call. You must show a **photo ID** to take your exam. Make sure you take your calculator.

### **Miscellaneous class details:**

· The worksheets on the Website will be in PDF format; you will need the Adobe Acrobat Reader to read these. The Reader is available online at [www.adobe.com](http://www.adobe.com) -- just follow the links to download the latest Acrobat Reader. It is free of charge.

· There may be optional worksheets listed at the bottom of the “Assorted Handouts in PDF Form” portion of the Website. Use them for extra practice.

· If you need to contact me, phone me or talk to me after class. Email may result in a later response. Do not email me just to tell me you are not coming to class; I do not need to know. Do not email me to ask what you missed in class; get that information from the Website. Email is inherently insecure; meaning if someone wanted to, they could read our emails. I will not email you grade information for this reason. Keep a record for yourself if you want to know. You can also come personally to my office and I will be happy to discuss your grade with you.

· The **Math Resource Center** (MRC) is available for individual or group tutoring. It is located in CM 233. It is free of charge and first come, first serve. Their Website [www.lc.edu/mrc](http://www.lc.edu/mrc) also has lots of resources ranging from worksheets to multimedia tutorials to links to educational Websites. The hours of operation for the Godfrey campus MRC will be distributed as soon as possible. There is an alternative N.O. Nelson campus location with limited hours (building N3, room 108) in Edwardsville as well.

· If you have a health condition or disability which may require accommodations (in order to effectively participate in this class), please meet with Barbara Cadle, Division Assistant, of the **Student Development and Counseling Services located at Caldwell Hall, Room 2320, at 618-468-4211**. Information about your disability will be treated confidentially.