

# SPRING 2009

## T102: Math for Elementary Teachers II

SECTION 17958 TR 9:15 – 10:45 LF 139

**TEXT:** *A Problem Solving Approach to Mathematics for Elementary School Teachers*, 9th edition, by Billstein, Libeskind and Lott, Addison Wesley Publishing Company  
*Activities for Elementary Mathematics Teachers*, 6th edition, by Dolan, Williamson and Muri, Addison Wesley Publishing Company

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**WEB PAGE:** [www.ius.edu/rriehm](http://www.ius.edu/rriehm) (Notes for class, practice exams and a final review can be found here)

**OFFICE HOURS** - LF304 MW 2:15-3:15 and TR 1:15 – 2:15 and by appointment

I am also in the **Math Lab** (LF101) at MW 1:15 – 2:15

**FINAL EXAM DATE:** Thursday April 30, 2009

### TENTATIVE SCHEDULE

Date	Sections	Date	Sections	Date	Sections
1/13	7.1	2/12	8.2	3/19	6.1
1/15	7.1-7.2	2/17	8.2	3/31	6.2
1/20	7.2-7.3	2/19	Review	4/02	6.3
1/22	7.3-7.4	2/24	Test 2 Chapter 8	4/07	6.4
1/27	7.4-7.5	2/26	5.1	4/09	6.5
1/29	7.5	3/03	5.2	4/14	6.6
2/03	Review	3/05	5.3	4/16	Review
2/05	Test 1 Ch 7	3/10	5.4	4/21	Test 4 Chapter 6
2/10	8.1	3/12	Review	4/23	Review for Final
		3/17	Test 3 Chapter 5	4/30	Final Exam

**Homework** will be done using Math XL. Each assignment will be due one week after the lecture for that section. Check Math XL for due dates. Once the due date is passed, Homework **CAN NOT** be submitted. Worksheets will also be handed out periodically. Worksheets will be due the **NEXT CLASS PERIOD** after distribution. **WORKSHEETS WILL NOT BE ACCEPTED IF TURNED IN LATE!** (This means even if you are sick, or your car broke down, or you have to attend a funeral, or go to court, or ANYTHING ELSE - YOU CANNOT TURN WORKSHEETS IN LATE - DON'T EVEN ASK!!!)

**Quizzes** will be done using Math XL. Check Math XL for due dates. Once the due date is passed, Quizzes **CAN NOT** be submitted. **THE LOWEST TWO QUIZ SCORES WILL BE DROPPED.** I reserve the right to also have "POP" quizzes whenever I feel that students aren't keeping up with the homework!

**Make Up Policy** - Make ups for Chapter Tests will be given if there is a legitimate excuse with documentation. Given in Math Lab - LF101 (you must have a picture ID in order to take a make up).

**Calculator** - A scientific calculator will be needed. However, there will be times when the calculator is not allowed on test or quiz problems

**LAST DAY TO WITHDRAW WITHOUT PENALTY IS FRIDAY March 20, 2009**

**Math Lab Information:** Location: LF101; 941-2670; Weekly schedule is posted outside the door.  
Web address: [www.ius.edu/mathlab/](http://www.ius.edu/mathlab/)  
Videos available for checkout from lab. Computer Software from the textbook and MathXL are installed on each computer.

**Private Tutors:** The Student Development Office KV 233 offer private tutors for a small fee (\$5 per hour payable in advance). If you are interested call 941-2312 early in the semester.

**Attendance Policy:** Attendance is a key factor in academic success. Class attendance is required. Illness is usually the only acceptable excuse for absence from class. A student absent from class bears **full responsibility** for all material covered in class.

**Classroom Etiquette and Expectations:** Please be respectful and courteous to your classmates and instructor. Please do not arrive late, leave early or leave for a period of time other than for an emergency. No cell phones or pagers are to be on. Students are expected to **ATTEND CLASS, DO ALL ASSIGNMENTS, and READ THE BOOK.**

**Studying for the Class:** This is a college class and is much different than one taught in high school. We cover a lot of material and have limited time in class. **You should expect to spend at least two hours studying outside of class for each hour spent in class.** You cannot expect to master the material from just seeing it explained and working in class.

**Disability Adaptation Statement:** If you have specific physical, psychological or learning disabilities and require accommodations, please let me know early in the semester so that learning needs may be appropriately met. You will need to provide documentation of your disability to the Coordinator of Disability Services located in University Center South, Room 006, 941-2243. Additional information about the Office of Services for Students with Disabilities may be obtained at: [www.ius.edu/UD/DisabilityServices/](http://www.ius.edu/UD/DisabilityServices/)

**Policy for weather related closing for IUS -** Any decision to cancel or delay classes is made as early as possible and we immediately begin the process of notifying all of the local TV stations and several of the radio stations (WHAS, WLKY and WAVE). We have no control over when the media announce the decision. We also post a notice on the campus web site and a message on the campus phone system (812-941-2567 or 812-941-2662).

**Delay Schedule:** **Monday through Friday classes:**  
8:00 a.m. classes meet from 10:00 a.m. until 10:55 am  
9:15 a.m. classes meet from 11 a.m. until 11:55 a.m.  
11 a.m. classes meet from 12 noon until 12:55 p.m.  
Other classes meet at regular times.

#### **GRADE CALCULATION:**

**Here is how your grade will be calculated:**

HomeWork/Projects	10%
Quizzes	15%
4 Chapter Tests	50%
Final Exam	25%

**Here is how your grade will be awarded:**

97 - 100% <b>A+</b>	93 - 96% <b>A</b>	90 - 92% <b>A-</b>
87 - 89% <b>B+</b>	83 - 86% <b>B</b>	80 - 82% <b>B-</b>
77 - 79% <b>C+</b>	73 - 76% <b>C</b>	70 - 72% <b>C-</b>
67 - 69% <b>D+</b>	63 - 66% <b>D</b>	60 - 62% <b>D-</b>
<b>Less than 60% F</b>		

**If you fail the final exam (less than 60%), the maximum course grade possible is a "C".**

**ONCOURSE:** My goal is for all test grades to be posted on ONCOURSE within one day. At that time all homework and quiz averages will be updated.

**GOALS:** By the end of this course, students should be able to: work flexibly with fractions, decimals, and percents, to solve problems involving sets and functions, determine the probability of events, describe and analyze data graphically and numerically, and work in groups to solve problems.

#### **SECTION**

#### **HOMEWORK EXERCISES**

7.1	1, 2ac, 3ace, 4ac, 5aceg, 6aceg, 7, 19aceg, 12ac, 14aceg, 15ac, 18ac, 20, 23, 24
7.2	2, 3, 4ac, 6, 9-11, 14, 16a, 17a, 18, 20, 22, 23ac, 24, 28, 30, 46, 47
7.3	1, 3ac, 8, 10, 20-22
7.4	4ac, 5-8, 13, 15, 16, 17, 18, 21, 30-32
7.5	2, 3, 4, 7, 8, 9ace, 11, 12, 18, 20, 22-27, 29, 30ac, 31, 38-41
8.1	1, 2, 4, 5a, 7, 8, 10, 11, 12, 13, 18a, 21-28
8.2	1ace, 3a, 7abc, 8-11, 13, 16, 17ac, 18ac, 23ac, 27a, 28, 30, 31ab, 32-35, 36a, 37-40, 42-47
8.3	1acegi, 3, 4, 5, 7, 9, 10-12, 14, 16, 17, 19a, 20a, 25, 28a, 30, 36abcde, 37, 38, 39, 40
5.1	2-12, 14ac, 15, 16ac, 18, 20, 23, 26, 28, 32, 35
5.2	1-10, 12, 13, 19a, 21-23, 25, 27, 28, 42-44
5.3	1, 2, 3ace, 5, 6ac, 7, 8, 9aceg, 10, 11ac, 12ace, 13, 15, 17, 18, 19, 21, 23, 26-28, 30, 36, 37abc, 39, 54
5.4	1ac, 2ac, 7, 10, 12, 14, 17, 21, 22, 25, 28, 31a, 44-47
6.1	1ac, 2ac, 3, 4, 5, 6acegi, 8a, 9, 11, 12, 14-16, 17a, 18, 21, 23a
6.2	2, 3a, 4, 8, 9, 14-17, 22, 24, 25, 28, 29, 43-46
6.3	1acegi, 2, 5a, 10a, 11a, 13, 15ace, 17, 30, 31
6.4	2ac, 4ace, 5, 9-11, 14-20, 22, 23, 44, 45, 47-49
6.5	1acegik, 2aceg, 3ace, 5ace, 6a, 7, 13, 15, 17, 19, 23, 25, 27, 29, 31, 33ac, 37a, 38, 45ac, 55-59
6.6	1, 6, 10, 12, 14, 16, 18

