

## T 102

### SYLLABUS SPRING 2012

MATH FOR ELEMENTARY TEACHERS 2 PS 010

- INSTRUCTOR: Janet Arnold
- OFFICE: PS 020 D
- OFFICE HOURS: Monday, Tuesday and Thursday from 8-9 Thursday from 11-12
- MATH LAB: PS015 Wednesday from 8-9 am and Tuesday from 11-12
- PHONE: 941-2186 or call me at home 923-0051 (812)
- E-MAIL: [jakarnol@ius.edu](mailto:jakarnol@ius.edu)
- WEB PAGE: <http://homepages.ius.edu/JAKARNOL/> Notes for class, practice exams and a final review can be found here.
- TEXT: A Problem Solving Approach to Mathematics for Elementary Teachers, Tenth Edition by Billstein, Libeskind and Lott, Pearson, Addison Wesley Publishing Company. A TI-30XS calculator must be used on tests and quizzes. The solution manual is optional.
- COURSE COMPASS An online homework, tutorial, and assessment system is required. Students can complete algorithmically, generated homework and practice tests online. An access code will be bundled with new textbooks purchased at the bookstore or can be purchased separately at [www.coursecompass.com](http://www.coursecompass.com). You might still have a code if you took T101. Your assignments will be due before the next class.  
MW arnold50302  
TR arnold26244
- GRADING: You will be graded on exams, class work, homework, quizzes, and a final. Exams are worth 50% of your grade, quizzes are worth 7% of your grade, class work is worth 8%, homework is worth a 10% of your grade and the final is worth 25% of your grade. One half of your final exam percent (adding a maximum of 20 points) may be used to replace your lowest test grade **if you do not miss an exam and you do not miss more than 2 classes.**
- GRADING SCALE: 97-100 is an A+, 92-96 is an A, 90-91 is an A-, 87-89 is a B+, 82-86 is a B, 80-81 is a B-, 77-79 is a C+, 72-76 is a C, 70-71 is a C-, 67-69 is a D+, 62-66 is a D, 60-61 is a D-, anything below 60 is an F.

QUIZZES: Quizzes can be in class or on line. Each quiz is worth about 10 points. **THERE ARE NO MAKE UPS ON QUIZZES.** At least two of the lowest quizzes will be dropped.

EXAMS: Four exams worth 100 points will be given. Check your syllabus for the dates. **If you have specific physical, psychological or learning disabilities and require accommodations, please let me know early in the semester so that your learning needs may be appropriately met. You will need to provide documentation of your disability to the Coordinator of Disability Services located in the University Center South, Room 207, 941-2243. Additional information about the Office of Services for Students with Disabilities may be obtained at: <http://www.ius.edu/ASC/DisabilityServices/> SEE MAKE UP POLICY ON NEXT PAGE**

FINAL: A comprehensive final will be given during final week. The final is worth 200 points. **STUDY FOR IT! \*\* If a student gets an F on the final, a C is the highest grade possible in the course.**

**STUDYING FOR 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 six hours studying outside of class each week.** You cannot expect to master the material from just seeing it explained and working in class.

EXPECTATIONS: Students are expected **to attend class**, do all assignments, read the book, and be **considerate** of everyone in the classroom. **No cell phones or pagers are to be on, except emergencies** (see teacher to explain).

MAKE UP POLICY: Only EXAMS may be made up. If you miss an exam, call the teacher **BEFORE** the time of the exam to arrange to make it up. Make up exams may be given if there is good cause. Make up exams will only be allowed when the teachers gives prior permission. **If a test is missed without prior permission, or if the student fails to make up the test by the next class, then the final may** (teacher discretion) **be counted in place of the exam. Make ups will be given either in my office or in the Math Resource Lab PS 015. It is the student's responsibility to check for times that an instructor will be present to give the exam. You will need to provide a picture ID in order to take a test in the lab. You can check the schedule at: [http://www.ius.edu/mathlab/pdf/Mathlab\\_Schedule\\_Fall.pdf](http://www.ius.edu/mathlab/pdf/Mathlab_Schedule_Fall.pdf)**

HOMEWORK: The Course Compass homework must be completed in the time allowed. **You must keep a notebook** with all your homework (both

Course Compass homework and book work). You can find the problems assigned from the book at the bottom of each lesson.

**CLASS WORK/ACTIVITIES:** This work will be done in class most of the time. You **MUST be PRESENT** in class in order to obtain points for class work, reviews or activities.

**WITHDRAWALS:** The last day to withdraw from class is **March 16**

**CHAPTERS:** Chapters 6 thru 10.

**GOALS:** By the end of this course, students should be able to:

- Work flexibly with fractions, decimals, and percents to solve problems
- Determine the probability of events
- Describe and analyze data graphically and numerically
- Work in groups to solve problem.

These goals will be evaluated on the FINAL EXAM.

#### EXTRA HELP

**MATH LAB:** The Mathematics Resource Laboratory is in PS 015. The telephone number is 941-2670. The schedule is outside the door and on the web site. Computer software is available in the lab.

**PRIVATE TUTORS:** The student Development Office US 203 offer private tutors for a small fee. If you are interested in a tutor, call 941-2312 early in the semester.

**Addison-Wesley Tutor Center:** Addison-Wesley's [Math Tutor Center](#) is staffed by college-level math instructors who can help you with what you're learning by phone, fax, email, or interactive web. Visit the Tutor Center's [registration page](#) to sign up for tutoring. When asked for a registration number, simply provide your Math XL course ID or student access code.

<http://www.aw-bc.com/tutorcenter/registration.html>

#### INCLEMENT WEATHER POLICY

**1.** Any decision to cancel or delay classes is made as early as possible and we immediately begin the process of notifying the local TV stations. We have no control over when or how 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).

**2.** We do not coordinate our decisions with those of area school corporations. However, if we have a class that meets in a school corporation building and that school is closed, the class will not meet, even if the IU Southeast campus is open. When classes on campus are cancelled, all off-campus classes are also cancelled.

**3.** A decision to cancel evening classes includes any class that starts before 6 pm but is still in session at 6 pm, as well as any class that starts at 6 pm or thereafter.

## Delay Schedule:

### Monday through Friday classes:

8 a.m. classes meet from 10 a.m. until 10:55 a.m.

9:30 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.

### Saturday Classes:

Morning classes meet from 10:30 a.m. until 12 noon.

Afternoon classes meet at regular times.

## TENTATIVE SCHEDULE

DATE MW	DATE TR	SECTION COVERED
1-9	1-10	6.1& 6.2
1-11	1-12	6.2 & 6.3
1-18	1-17	6.3
1-23	1-19	Review & 7.1
1-25	1-24	Exam 1 Chapter 6
1-30	1-26	7.1 & 7.2
2-1	1-31	7.2 & 7.3
2-6	2-2	7.3 & 7.4
2-8	2-7	7.4 & 8.1
2-13	2-9	8.1 & 8.2
2-15	2-14	8.2 & 8.3
2-20	2-16	Review and 9.1
2-22	2-21	Exam 2 Chapters 7 & 8
2-27	2-23	9.1 & 9.2
2-29	2-28	9.2
3-5	3-1	9.3 & 9.4
3-7	3-6	9.4
3-12	3-8	9.5
3-14	3-13	Review
3-19	3-15	EXAM 3 Chapter 9
3-21	3-20	10.1&10.2
4-2	3-22	10.2& 10.3
4-4	4-3	10.3
4-9	4-5	10.4
4-11	4-10	Review
4-16	4-12	Exam 4 Chapter 10
4-18	4-17	Review for Final
4-23	4-19	Review for Final
<b>4-30</b>	<b>4-26</b>	<b>Final</b>