

# Course Syllabus

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Office: CH 13A; Phone #933-3173  
Office Hours: MWF 9am – 11am and by appointment

**Course info:** Math 108 – Mathematics for Education II

Schedule	Time	Room	Section	Units
#73807	TR 2:00 – 2:40	MSB 101	002	4

**Textbook:** *Mathematics for Elementary Teachers, 2<sup>nd</sup> Edition, by Bassarear.*

**Objectives:** Study concepts, properties, and applications of topics from proportional reasoning, probability, statistics, geometry and measurement through discovery, discussion, and problem solving approach.

**Course goal:**

- Involve the student in thinking about mathematical ideas.
- Develop the student's ability to convey mathematical thoughts & ideas clearly and concisely to others in the oral and written form.
- Expose the student to mathematical systems and problem solving.
- Cultivate in the student an appreciation for mathematics.
- Familiarize students with the technology that would be helpful in teaching.

<b>Point dist.:</b>	Homework	100 points
	Assignments (Grade sheet, Journal, web page, etc.)	100 points
	Pop Quizzes (Select top 5 for grading)	100 points
	Educational Module (Write up & Presentation)	200 points
	Exams (3 @ 100 pts each)	300 points
	<u>Other</u> (Attendance, participation, & group work)	<u>100 points</u>
	<u>Total</u>	<u>900 points</u>

**Grades:** Grades will be assigned based on the following scale:  
A  $\Rightarrow$  90%  $\uparrow$ ; B  $\Rightarrow$  80%  $\uparrow$ ; C  $\Rightarrow$  70%  $\uparrow$ ; D  $\Rightarrow$  60%  $\uparrow$ ; F  $\Rightarrow$  below 60%;

**Exams:** There will be three exams. Most of the exam problems will be similar to material presented in class and homework problems. You cannot make up an exam. A scientific calculator is required for this course.

**Pop Quizzes:** Throughout the semester I will give you at least five quizzes. If I gave you more than five quizzes, then I will select the best five for grading.

**Extra credit:** You may earn extra credit by doing challenging problems and presenting them on the board. There may be some bones problems on your exam.

**Homework:** Homework will be assigned every class period. Keep your homework in a notebook binder, which is to be turned in at the end of the semester. Homework is graded based on neatness, completeness, and organization. I encourage you to work together on homework. Help is available in math tutoring lab located in CH-6.

**Attendance:** All students are expected to be on time and stay until the end. If you are absent from the class, it is your responsibility to check on announcements made in class while you were absent. If you stop attending this class for any reason, it is your responsibility to drop it. For important deadlines consult the schedule of courses.

**Univ. policy:** Any student with a documented disability who would like to request accommodations should contact: University Disability Services Office; 933 – 0816 (V), 933 – 3334 (TTY); Campus Center Room 311

**Note:** This syllabus is subject to change in extenuating circumstances.

## Math 108 Schedule

*tentative*

Week	Day	Date	Topics	Homework Assignments
1	Tuesday	13-Jan	Introduction	
	Thursday	15-Jan	Section 6.1	#1,5,8,10,12,15,20,22,28,32,& 38.
2	Tuesday	20-Jan	Section 6.2	#1,7,14,20,22,25,42,& 47.
	Thursday	22-Jan	Section 10.1	
3	Tuesday	27-Jan	Section 10.2	
	Thursday	29-Jan	Section 10.3	
4	Tuesday	3-Feb	Review	
	Thursday	5-Feb	Review	
5	Tuesday	10-Feb	Exam 1	
	Thursday	12-Feb	Section 8.1	
6	Tuesday	17-Feb	Section 8.2	
	Thursday	19-Feb	Section 8.3	
7	Tuesday	24-Feb	Section 9.1	
	Thursday	26-Feb	Section 9.2	
8	Tuesday	2-Mar	Section 9.3	
	Thursday	4-Mar	Review	
9	Tuesday	9-Mar	Review	
	Thursday	11-Mar	Exam 2	
10	Tuesday	16-Mar	Section 7.1	
	Thursday	18-Mar	Section 7.1	
11	Tuesday	23-Mar	Spring Break	
	Thursday	25-Mar	Spring Break	
12	Tuesday	30-Mar	Section 7.2	
	Thursday	1-Apr	Section 7.2	
13	Tuesday	6-Apr	Section 7.3	
	Thursday	8-Apr	Section 7.3	
14	Tuesday	13-Apr	Section 7.4	
	Thursday	15-Apr	Review	
15	Tuesday	20-Apr	Exam 3	
	Thursday	22-Apr	Presentations	
16	Tuesday	27-Apr	Presentations	
	Thursday	29-Apr	Presentations	
17	Tuesday	4-May	Presentations	
	Thursday	6-May	Presentations	
18	Tuesday	11-May	Final @ 4:10 - 6:10	HW Due/Journal Due