

# MTH109 Politics and Mathematics

## Course outline

Date	Text	Section Exercises (start on date)	Events (due on date)
Sept 9	9.1	p308 #1,2,3,5,7	
14	9.2	p308 #9,10,13,14,15	
16	9.2	p309 #17,19,20,21,23	HW1 Ch9 p308 #1,2,3,4 due
21	9.3	p311 #34	
23	10.1-10.2	p328 #4,5,6	
28	10.2-10.3	p329 #7,12,13,14,17,18,19	HW2 Ch9 p309 #12,16,20,22 due
30	11.1	p362 #1,2,3,4,5	
Oct 5	11.2	p363 #6,7	HW3 Ch10 p329 #12,16,18 due
7	Review	p363 #8,9,10	
12	—	—	URI follows Monday Schedule
14	<b>TEST #1</b>		HW4 Ch11 p363 #2,4,8 due at test
19	11.3	p363 #13,14,15,16	
21	11.2-11.3	p364 #19,22	
26	13.1	p427 #2,3,7	
28	13.2	p428 #8,9,11,12	HW5 Ch11 p363 #10,14,22 due
Nov 2	13.3	p428 #13,14,15	
4	13.4	p428 #16,17,18,19	HW6 Ch13 p427 #2,4,8,12 due
9	14.1-14.2	P459 #1,5,6,12	
10	14.3	P461 #22	HW7 Ch13 p428 #14,16,18 due
16	14.3	p461 #18,24	HW8 Ch14 p460 #2,6,8 due
18	14.4	p461 #26,27,28	
23	Review	p461 #32,33	
25	—	—	Thanksgiving Break
30	<b>TEST #2</b>		HW9 Ch14 p461 #15,16,24,32 due
23	7.1-7.4	p237 #1,3,5,7,9,15	
Dec 7	7.7	p241 #37,39	
9	7.8	p241 45,#49	
Dec 14	<b>FINAL EXAM</b>	Tues: 11:30-2:30 in class	HW10 Ch7 p237 #2,3,4,10,17,38,46

## Text

The text for the class is For All Practical Purposes, 8th edition by COMAP, Freeman 2009 ISBN: 1-4292-1506-2

## Grading

There will be two semester tests each worth 20%, a final exam worth 20%, and homework assignments together worth 20% of your grade. In addition, there will be announced and unannounced classwork done in class worth 20% of the course grade.

**Maximum points available for assignments:**

Test 1	100 points
Test 2	100 points
Fin Exam	100 points
HW	100 points
<u>Classwork</u>	<u>100 points</u>
<b>Total</b>	<b>500 points</b>

**Points need for course grades:**

<b>A</b>	<b>465</b>
<b>A-</b>	<b>450</b>
<b>B+</b>	<b>435</b>
<b>B</b>	<b>410</b>
<b>B-</b>	<b>395</b>
<b>C+</b>	<b>380</b>
<b>C</b>	<b>355</b>
<b>C-</b>	<b>340</b>
<b>D+</b>	<b>325</b>
<b>D</b>	<b>300</b>
<b>F</b>	<b>0</b>

**Homework**

Each homework assignment should be thought of as a small writing project. Homework grading is based 20% on format, 80% on content. Start on it early. Late homework is accepted at most one class late and at 50% penalty. Missing class the day homework is due does not excuse its tardiness. Written documentation for excused absence must be provided for several days prior the due date. This is meant to get you to start homework early. Most students score lower on the homework than on the tests. The reason is often for failing to follow the format. There will be 10 homework assignments.

**A perfect homework format grade requires:**

1. At most two problems per page side (no crowding)
2. A completely written out problem statement for each problem.
3. Tidy exposition.
4. Pages stapled together, with name and assignment number clearly shown on first page.

**A perfect content grade requires:**

1. Correct answers.
2. Correct work and justification.
3. Clear and precise explanations in complete sentences for worded answers.

**Classwork**

Classwork will consist of 10 in-class assignments which may or may not be announced but will always be open book/notes and on recent material. Its purpose is to give you a head start on homework and to encourage attendance. Classwork need not follow the homework format. Grading will be out of 10 points, 5 points for being present and up to 5 for content. There are never make-ups for missed classwork. That would defeat its purpose. Valid written excuses are required to be exempt from classwork. (Official URI functions, doctor's note, and court summons, are all valid, for example.)

### **Tests and final exam**

The two semester tests and final exam will be given on the dates shown above. They are always closed book. You may have a calculator but never a cell phone on your desk during the exam. Cell phones must always be off and out of sight during exams. Cell phone interruptions during an exam will be penalized 1 point per second of interruption, cell phones out on the desk during exam will be penalized 5 points, Cell phone use during an exam will be penalized 50 points. A missed exam requires prior notification and written documentation that satisfies the instructor before any make-up is allowed. If the make-up is not or cannot be taken then the grade for the exam will be zero.

### **Honor Code**

If you are caught breaking the URI honor code, you could be given an F for the assignment or the class. As a student of higher standards, you pledge to embody the principles of academic integrity. You may work with other students on your homework assignments as follows: You may discuss concepts, principles and methods with each other; however, you must prepare your own final submission. You are not to copy another student's homework. Collaboration among students is not permitted during examinations.

### **Disabilities**

Students with special requirements and proper documentation through Disability Services should inform their instructor as early as possible. University regulations require that documentation be provided at least one week before special consideration is given.