

**UNIVERSITY OF RHODE ISLAND  
SYLLABUS**

**MTH108-0001: TOPICS IN MATHEMATICS**

**3 CREDITS  
SPRING 2018**

**INSTRUCTOR:** Mr. Daniel Hadley

**E-MAIL:** dhadley@uri.edu

**OFFICE:** 106E Lippitt Hall

**OFFICE HOURS:** MW 1 – 2  
F 11 - 12

**CLASS SCHEDULE:** MWF 12:00 - 12:50

**ROOM:** Swan 203

**COURSE DESCRIPTION:** This course introduces the nonmathematical student to the spirit of mathematics and its applications. It presupposes no mathematical background beyond the University's admission requirements. The emphasis is on the development of reasoning ability as well as manipulative techniques. Topics will include Graph Theory (weeks 1 - 5), Statistics (weeks 6 - 9), and the Mathematics of Finance (weeks 10 – 13).

This course fully satisfies the university's general education program (GE) (2016) for both Knowledge area A1: Scientific, Technology, Engineering, and Mathematical Disciplines (STEM) and Competency area B3: Mathematical, Statistical, or Computational Strategies (MSC).

**TEXT & MATERIALS:**

COMAP. For All Practical Purposes. W.H. Freeman and Company, 9<sup>th</sup> Edition 2013. (Note: older editions may be used, but chapter and exercise numbering may not match up)

Calculator (inexpensive, does not need to be graphing)

Note: For tests and quizzes, phones, tablets, etc. may not be used as calculators.

**REQUIREMENTS:**

Although there is no official attendance policy for this course, it is strongly recommended that a student attend each class.

A student missing a quiz or exam will be granted a makeup only with the permission of the instructor. Such permission will be granted only in the case of a valid excuse.

**GENERAL:**

Accommodations: Any student having a documented disability, after contacting Disability Services for Students, should come to me as early as possible so that reasonable accommodations may be made.

Tutoring/Help: Tutoring is available through the Academic Enhancement Center ([www.uri.edu/aec/](http://www.uri.edu/aec/)). In addition, there is help available at CCE in Providence. You may also find assistance using Khan Academy ([www.khanacademy.org](http://www.khanacademy.org))

Behavior: Be aware that the University has a Civility Policy. Please read it. In general, it is expected that students treat each other and their instructor in a civil, respectful manner. It is expected that the instructor will treat the students similarly.

All students are to be aware of requirements concerning academic honesty as set forth in the URI Student Manual. In particular, during class, there is to be no use of cell phones (voice, text, or browsing) or portable computers for communication or browsing.

Students should be aware of the prevalence of flu this winter. Appropriate steps should be taken if you are suffering flu-like symptoms. If you must miss class as a result, please contact me at the email address above.

### **GRADING:**

The following will comprise a student's grade:

Three in-term exams (100 each)	300
Final exam	200
Quizzes	100
Total	600

### **GRADE SCALE:**

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

## TOPICS IN MATHEMATICS

### SCHEDULE

#### WEEK ENDING

22 January	Monday	Classes Begin
4 February	Sunday	Last Day to Add
12 February	Monday	Last Day to Drop (no “W”)
19 February	Monday	President’s Day – No Class
23 February	Friday	<b>TEST 1</b>
5 March	Monday	Last day to drop (“W”)
10 - 18 March	SPRING BREAK	
20 March	Tuesday	Mid-term Grades Due
30 March	Friday	<b>TEST 2</b>
27 April	Friday	<b>TEST 3</b>
30 April	Monday	Last day of class
1 May	Tuesday	Make-up day (if necessary)
<b>FINAL EXAM</b>	<b>FRIDAY 4 MAY</b>	<b>3 - 6 PM</b>