

# Math 171 - Fall 2015

## Course Data, Syllabus and Homework

Lecturer: **Dror Varolin**

Best way to reach Dror  $\implies$

Office	4-111 Math Tower
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**Text:** *Calculus, 2ed* by Jon Rogawski (Publisher: W.H. Freeman and Company)

**Course webpage:** <http://www.math.stonybrook.edu/~dror/171-f15.html>

**Holidays:** The Holidays are listed on the syllabus given in page 2 of this document.

**Homework:** The assigned problems can be found alongside the syllabus. Each week the problems will be collected. The grader will choose two of the problems to grade, and will provide a set of solutions for the remaining problems.

**Examinations:** There will be two mid-term exams and a final exam. Both of the midterms will be on a Wednesday evening at 7pm. Please note:

<b>No calculators, notes or books will be allowed in any of the examinations!!!</b>
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### First and Second Midterms are given in class

The dates of the examinations, as well as the breakdown of the grades, are as follows:

Component	Grade percentage	Date
Homework	20 %	—
Midterm	20 %	Oct 7
Midterm	20 %	Nov 18
Final	40 %	Fri, Dec 11 11:15am-1:45pm

**Disabilities:** If you have any condition, such as physical or mental disability, that would make it difficult to complete the course or that will require extra time for examinations, please notify your instructor as soon as possible, so that the appropriate arrangements could be made.

**Math Learning Center (MLC):** The location of the MLC is S-240 in the math tower. The MLC is open every day and most evenings. A schedule is posted on the door.

**Drop/Add dates:** Drop Deadlines: Aug 30 (no tuition liability), Sept 4 (No "W"), Oct 23 ("W")

For more details, see SBU registrar: <http://www.stonybrook.edu/registrar/index.shtml>

**Take Note:** If you really want to master the material, it is wise to attempt or solve all the problems in the relevant section of the book. The more problems you can learn to do, the better you'll understand the material.

Here is a schedule for the course, complete with special dates and a list of homework problems. Assignments must be submitted weekly at the beginning of recitation, one week after the section they pertain to has been covered. Graded problem sets will be returned in recitation.

### Lecture Schedule and Homework Problems

Week of	Sections	Problems	Note
Aug 24	Ch 1	1.1.24, 1.1.83, 1.2.28, 1.2.50, 1.3.10 1.3.31, 1.3.40, 1.4.19, 1.4.40, 1.4.52	Class begins Aug 25
Aug 31	Ch 2	2.1.32, 2.2.17, 2.3.26, 2.4.32, 2.5.30 2.6.38, 2.7.28, 2.8.16, 2.9-Prelim-1, 2.9.24	
Sep 7	Ch 3	3.1.40, 3.2.54, 3.3.38, 3.4.28, 3.5.30 3.6.44, 3.7.8, 3.8.34, 3.8.54, 3.9.18	No class Tues., Sep 8.
Sep 14	Ch 4	4.1.14, 4.2.64, 4.3.56, 4.4.44, 4.5.26 4.6.16, 4.6.52, 4.7.8, 4.8.28, 4.Review.20	
Sep 21	Ch 5	5.1.58, 5.2.58, 5.3.26, 5.3.32, 5.4.34 5.4.44, 5.4.53, 5.4.54, 5.5.20, 5.6.42	
Sep 28	Ch 6	6.1.22, 6.2.4, 6.2.20, 6.2.32, 6.3.12 6.3.56, 6.4.18, 6.4.52, 6.5.18, 6.5.38	
Oct 5	Ch 7	7.1.40, 7.2.30, 7.3.36, 7.3.90, 7.4.32 7.5.26, 7.6.12, 7.7.30, 7.8.66, 7.9.58	1st exam, Wed Oct 7 7pm (Chapters 2-6)
Oct 12	Ch 8 (i)	8.1.28, 8.1.52, 8.1.70, 8.2.32, 8.2.70 8.3.26, 8.3.56, 8.3.64, 8.4.8, 8.4.38	
Oct 19	Ch 8 (ii)	8.5.4, 8.5.30, 8.5.50, 8.6.26, 8.6.64 8.7.12, 8.7.22, 8.8.12, 8.8.30, 8.8.48	
Oct 26	Ch 9	9.1.10, 9.1.16, 9.1.48, 9.2.6 9.3.8, 9.3.24, 9.4.18, 9.4.50	
Nov 2	Ch 10 (i)	10.1.4, 10.1.10, 10.1.20 10.1.40, 10.1.50, 10.2.18	
Nov 9	Ch 10 (ii)	10.3.2, 10.3.8, 10.3.16 10.4.2, 10.4.12, 10.4.26	
Nov 16	Ch 11 (i)	11.1.6, 11.1.22, 11.1.42, 11.2.12, 11.2.30 11.2.46, 11.3.12, 11.3.30, 11.3.56, 11.3.80	2nd exam, Wed Nov 18 7pm (Chapters 7-10)
Nov 23	Ch 11 (ii)	11.4.8, 11.4.16, 11.4.36, 11.4.37, 11.5.12 11.5.24, 11.5.42, 11.6.8, 11.6.18, 11.6.40	No class Nov 26.
Nov 30	Ch 11 (iii) Review	11.7.8, 11.7.14, 11.7.30, 11.7.40, 11.7.54	

<b>Final Examination:</b> Friday, December 11, 11:15AM-1:45PM
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