

# Introduction to Partial Differential Equations

Spring 2008

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2/19-2/21	Sec. 1.1, 1.2, 1.3	Sec. 1.1, pp.5: 4,7,11,12 Sec. 1.2, pp.9: 7,9 Sec. 1.3, pp.18: 1,10
2/26 (no class on 2/28)	Sec. 1.3,1.4	Sec. 1.4, pp.24: 2, 5
3/4-3/6	Sec. 2.1, 2.2	Sec. 2.1, pp.37: 5,8 Sec. 2.2, pp.40, 1,2,5,6
3/11-3/13	Sec. 2.3, 2.4, 2.5	Sec. 2.3, pp.44: 2,4,6,8 Sec. 2.4, pp.51: 4,15,16,18
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5/6-5/8	Sec. 6.1, 6.2	Sec. 6.1, pp. 154: 2,3,11 Sec. 6.2, pp. 159: 7
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5/20-5/22	Review and Midterm exam-II (5/22)	Explanation on Projects 1,2,3
5/27-5/29	Sec. 8.1, 8.2	Sec. 8.1, pp.193: 2,3 Sec. 6.2, pp. 200: 10
6/3-6/5	Sec. 8.5, Sec. 10.3	
6/10-6/12	Sec. 10.6, 10.7	

- Textbook: Walter Strauss, Partial Differential Equations, An Introduction, John Wiley, 1992.
- The due date of homeworks is the next Wednesday night after it is assigned.
- You only need to choose one project. The due date is 6/13. I will have an oral exam on the project for each student on 6/15. Each student needs to give a brief report for 5 minutes on what he/she has done. The total time for each student is 10 minutes.