

# Methods of Applied Math I (ie Undergraduate Applied PDEs) MA561, Fall 2016

## Contact Info

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Class details:	9:30-11:00 TuTh, MCS B33

## Grading

Graded Item	Weighting	Date
Homework	50%	Assigned every 1-2 weeks
Midterm	25%	Thursday, October 27
Final	25%	See BU exam matrix

## Textbook and topics covered

The main book we will use is “Applied Partial Differential Equations,” by J. David Logan, Third Edition. A .pdf version of this book can be downloaded for free via the BU library. If you are on-campus or logged on via the BU VPN client, you can go to <http://www.ams.org/mathscinet-getitem?mr=3308954> and click on the “Book” link to be taken to a page where you should be able to download the .pdf file of the book. We will cover most of chapters 1-4, with some material from chapters 5 and 6 if time permits.

## Homework

Homework assignments will be given approximately every 1-2 weeks. You are encouraged to work together on these, but please make sure that you write up the solutions on your own.

## Midterm and Final Exam

The midterm will be held during lecture on Thursday, October 27, and the final will be held during the time specified by the BU final exam schedule. I will tell you exactly what material they will cover at least one week in advance and post this information on the website. You may not use your book, notes, or a calculator on either the midterm or the final exam.

## Extra help

Please get help from me or any other appropriate source if you do not understand something. It is most effective if you do so as soon as you feel you need it. Waiting until just before the final exam is generally not a good idea. Some free ways to get help:

1. Come to my office hours or email me.

2. Go to the tutoring room, MCS B24, where there are graduate students to help you most days from 10am-4pm. The full schedule is at

<http://www.bu.edu/math/undergraduate/resources/tutoring-room-schedule/>

Note that, because this is a 500 level course, not all of the graduate students will be familiar with the material. If you would like advice about which graduate students would be best able to help you, please ask me or them.

### **Make-up tests/exams**

I do not give make-up tests unless you have a legitimate excuse, such as a serious illness or family emergency. In such a circumstance you must provide a written (not email) excuse. If possible, please discuss this with me in advance. Please note the date and time of the final exam and make your travel plans accordingly. University policy states that you must take the final exam at that time.

### **Academic conduct**

Plagiarism and cheating are not tolerated under any circumstances. Please refer to the BU academic conduct code if you are unclear about what constitutes appropriate behavior.