James Brooks  
Department of Mathematics

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**Course: MAP 2302  section 3148 MWF 6 LIT 217  SPRING 2015**  
Instructor: J.K. Brooks  
Office hours: MWF 6 LIT 306  jkbrooks@ufl.edu  

There will be 4 tests each weighted the same given in class.  
Sept 26, Oct 24, Dec 8 and Dec 10. Assignments will be posted on the board. Please see the syllabus below for this course for Spring 2014.  
all information will be the same except for the test dates. The tentative weekly schedule are: 1. 1.1,1.2, 2. 2.1-2.3 3. 2.4-2.6. 4. 2.6, review. 5. 4.1-4.3. 6.undetermined coefficients.

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**Course: MAA 5229  section 7059 LIT 219 MWF 5 LIT 219 SPRING 2015**  
Instructor: J.K. Brooks  
Office hours: MWF 5 LIT 306,  jkbrooks@ufl.edu  
Office hours: MWF 5 LIT 217  jkbrooks@ufl.edu  
This course will cover the first 5 chapters. There will be quizzes every 7-10 days. These count for 50% of the grade. There will be a midterm and final exams on Dec 8 and Dec 10 in class. Please see the syllabus for this course for Fall 2013 below for more information concerning this course.
This course is designed to introduce some methods to solve certain types of differential equations. We begin with methods for first order equations. Next is the UC method for higher order equations, then the Laplace transform and finally series solutions if time permits. It is important to keep up to date on the various methods presented. Problem assignments will be posted on the board in class. Some of the problems and examples in the book may appear on tests.

There will be 4 tests (each weighted the same) given in class: Feb 7, March 14, April 21, April 23. There will be no make up exams – a grade of 0 will be given for a missed test. In the event of a medical emergency an accommodation may be considered with a complete documented doctor’s letter. If test dates should change advance notice will be given. Any questions concerning the tests must be asked within one week after they are handed back.

If you should miss a test, be sure to obtain notes and assignments from a fellow student since some material may not be in the text but may appear on exams. No aids or calculators are to be used for tests. Any student who plans to participate in the Disability Resource Center must contact me after their first class meeting. If 6 classes are missed the grade will be lowered by one letter. BE SURE TO TAKE ADVANTAGE OF THE BROOKLYN TUTORING LAB!

The most severe grading scale is the standard one: 100-90 A, 89-85 B+, etc.

Tentative weekly schedule (problems 1-25 ODD are assigned in each section covered): Jan 6: 1.1,1.2,2.2,2.3,3.3,4.2,5.2,review; Jan 13: 2.3,2.4,2.5,2.6,2.7,review; Feb 3: 4.1,4.2,4.3, Feb 10: UC method, Feb 17 continue UC, Feb 24: 4.6,4.7; March 10: review, test; March 17: 7.1,7.2, March 24: 7.3,7.4; March 31: 7.5 April 7: 7.6,7.7; April 13: 7.8, review.

Student evaluations (last 2 weeks of class) are online at https://evaluations.ufl.edu
This course is designed to introduce some methods to solve certain types of differential equations. Prerequisites include swift calculations of derivatives and integrals and algebraic manipulation. It is important to keep up to date on the various methods presented.

Problem assignments will be posted on the board in class. Some of the problems and examples in the book and those put on the board may appear on the tests. There will be 5 tests (each worth 40 points) given during the term in class: Feb 1, Feb 25, April 5, April 22, April 24. If the dates should change advance notice will be given. Since it is vital to keep up with assignments there will be quizzes (announced or unannounced) which may account up to 15% of the grade, depending on the number given. There will be NO makeup exams; a grade of 0 will be given for a missed test or quiz. In the event of a medical emergency an accommodation MAY be considered with a complete documented doctor's letter.

If you should miss a class it is your duty to obtain the assignment from a fellow student. If it is ascertained that 5 classes have been missed, an E grade will be given. You should obtain several phone numbers from fellow students to contact for missed classes since some material presented may not be in the text but will appear on exams. You are required to keep a file of all tests and quizzes handed back and a copy of this sheet which I handed out in class. Be sure to get any problem assignments you missed from a fellow student.

Fall 2012 Courses

MATH 2302 MWF 5 LIT 203 section 0100
Office hours MF 6 or by appointment
Text: Differential Equations and Boundary Value Problems 6th ed. by Nagle, Saff, Snider
The syllabus has been handed out in class and completely discussed.
Problem assignments will be posted on the board in class.
There will be 5 tests given during the term in class: Sept 19, Oct 17, Nov 16, Dec 3 and Dec 5. Each test is worth 20% of the grade. A missed test will be assigned a grade 0, no makeup tests. If there is a medical emergency an accommodation may be consider with a complete doctor's letter.
If you should miss a class you must obtain the assignments and notes from a fellow student since material presented may not be in the text but will appear on exams. It is ascertained that 5 classes have been missed and E grade will be given. No aids or calculations are to be used for tests. Any student who plans to participate in the Disability Resource Center must contact me after their first class meeting. If there is a medical emergency an accommodation MAY be considered with a complete documented doctor's letter.

The most severe grade scale is the standard one: 100-90 A, 89-85 B+, etc.

BROWARD TUTORING LAB!
Missed quizzes will be lowered by one letter. BE SURE TO TAKE ADVANTAGE OF THE TUTORING LAB!