SYLLABUS

MATH 3363
INTRODUCTION TO PARTIAL DIFFERENTIAL EQUATIONS
FALL 2015

Instructor: Alexander Mamonov
Office: PGH 690
Office hours: MWF 11:00AM – 12:00PM at M 117
Phone: (713) 743-0297
E-mail: mamonov@math.uh.edu
Web page: http://www.math.uh.edu/~mamonov/MATH3363-F2015/
Classroom: CBB 104
Class hours: MWF 10:00AM – 11:00AM

****

The information contained in this class syllabus is subject to change without notice. Students are expected to be aware of any additional course policies presented by the instructor during the course.

****

Prerequisite: MATH 2433 and either MATH 3321 or MATH 3331.

Textbook: Richard Haberman, *Applied Partial Differential Equations with Fourier Series and Boundary Value Problems*, 5th edition.

Objectives: Upon completion of this course, the students are expected to be able to solve elementary boundary and initial value problems for partial differential equations (PDEs). The students will also have an understanding of Fourier series and their use for solving the PDEs.

Topics: For the course content see the Math Department's MATH 3363 web page at: http://www.mathematics.uh.edu/undergraduate/courses/math3363/index.php

Grading: Three in-class midterm exams will be given. There are no make-ups for the exams. The course grade is determined by the homeworks, midterm exams and the final exam as follows:

Homework	1/6
Midterm 1	1/6
Midterm 2	1/6
Midterm 3	1/6
Final Exam	1/3