

## **MATHEMATICS 30650-02 (Differential Equations) Fall 2014**

**Instructor:** Nikhil Savale      nsavale@nd.edu

**Office Hours:** To be announced.

**Classes:** MWF 10:30-11:20 AM, Hayes-Healey 231.

**Textbook:** Elem. Diff. Eq. and BV Problems, Boyce-DiPrima, 10<sup>th</sup> Ed., (ISBN: 978-0-470-38331-0).

**Syllabus:** The material is from Chapters 4, 6, 7, 8, 9 and 10.

**Homework:** Assignments are listed on the Instructor's course webpage. With few exceptions, a new homework assignment will be given in each class and this is to be completed and submitted to the Instructor at the end of the next class. In all other cases the due date of an assignment is shown on the Instructor's course webpage.

The pages of each homework submission *must be stapled together and have your name written on the upper right hand corner of each page of the submission.* Homework not conforming to these conditions may be rejected. Late homework will never be accepted without a formal excuse being submitted to the instructor. The lowest homework score of all assignments will be dropped. You may, and are encouraged to, discuss homework with other students. However, you must *not* copy the homework of others. For each homework you submit, you must also be capable of explaining your reasoning to the instructor, if so requested.

**Grading:** Each Midterm Exam counts for 25% of the course grade. Homework counts for 20% of the course grade. The Final Exam counts for 30% of the course grade.

**Exam Times:**

Midterm I: 8-9:15AM, Thursday Oct. 16, Nieuwland Science 123.

Midterm II: 8-9:15AM, Tuesday Nov. 18, Nieuwland Science 123 .

Final: 1:45- 3:45PM, Tuesday Dec. 16, Location TBA.

**Absence from Exams:** A student who is absent from an examination without an official excuse shall receive a grade of zero for that examination. A student who is absent from an examination with an official excuse shall not be penalized; such students must contact the instructor in person or by email ASAP.

**Honor Code:** The Notre Dame Honor Code is in effect for all examinations.

The Instructor's course webpage is at: [http://www3.nd.edu/~math/30650\\_02/](http://www3.nd.edu/~math/30650_02/)