Math 256, Introduction to Differential Equations, Winter 2013

Class Time:	MTuWF 1–1:50p.m. in 101 Peterson
Instructor:	Dr. Marcin Bownik
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Office:	323 Fenton
Office Phone:	541-346-5622
Office Hours:	11a.m.–12p.m. Mon. and Fri., 12–1p.m. Wed., or by appointment
Textbook:	*Elementary Differential Equations,* by W. E. Boyce and R. C. DiPrima, 9th ed., John Wiley & Sons

1. **Background and Goals.** This course introduces students to the subject of differential equations. The theory of differential equations developed together with other mathematical tools such as calculus is applied to everyday problems. Topics include first order and higher order differential equations, linear equations and their methods of solving, and systems of first order linear equations. The course covers most of Chapters 1–4 and 7 of Boyce and DiPrima.

2. **Exams.** There will be two midterm in-class exams on Wed. January 30 and Wed. February 20, and a final exam on Mon. March 18, 3:15p.m.–5:15p.m.

3. **Homework.** Homework problems will be assigned regularly and be due in class on Wednesday on the material of the previous week. No late homework will be accepted.

4. **Grading.** The grading distribution will be as follows:

Homework:	20%
Each of the Midterm Exams:	20%
Final Exam:	40%