

MT4410.02: Differential Equations

301 Gasson Hall, MWF 10am
Fall 2016

- Instructor:** Baris Coskunuzer, 540 Maloney, 617-552-8275, coskunuz@bc.edu
- Office Hours:** MW 2:30 – 4:30 and by appointment.
- Class home page:** Supported by Canvas (access through Agora), use your BC username.
- Textbook:** *Elementary Differential Equations* by Boyce and DiPrima, 10th edition.
- Prerequisites:** MT2202 Multivariable Calculus, and MT2210 Linear Algebra.
- Content:** We will cover first 4 chapters and chapter 7 in the text. Time permitting, we will cover additional topics from the remaining chapters.
- Homework:** Homework will be assigned weekly, and is due Wednesday class.
- Exams:** There will be 3 in-class exams on Friday, Sep 23, Oct 28, and Dec 2. The final exam will be on Dec 14.
- Grading:** HW 20%, Exams 15% each, Final Exam 35%.

Weekly Schedule:

week 1	29-Aug	1. 1,2,3 2.1
week 2*	5-Sep	2. 2,3 X
week 3	12-Sep	2. 4,5,6
week 4	19-Sep	2. 7 Review M1
week 5	26-Sep	3. 1,2
week 6	3-Oct	3. 3, 4,5
week 7*	10-Oct	3. 6,7 X
week 8	17-Oct	4. 1,2,3

week 9	24-Oct	4.4 Review + M2
week 10	31-Oct	6. 1,2,3
week 11	7-Nov	7. 1,2,3
week 12	14-Nov	7. 4,5,6
week 13*	21-Nov	7. 7 X X
week 14	28-Nov	7.8 Review + M3
week 15	5-Dec	Final Review

- Academic Integrity:** You may discuss ideas when working on homework assignments, but you should write up your solutions individually. Sharing inspiration is good; copying someone else's work is plagiarism. Any violations of the College's policy on academic integrity will be dealt with severely. For more info: <http://www.bc.edu/catalog/univ/meta-elements/ssi/integrity.shtml>