

**MA 226 SB2**  
**Differential Equations**  
**Summer 2, 2017**  
**Monday, Tuesday, Thursday 6:00PM to 8:30PM**  
**July 3rd - August 11th**  
**Room: CAS 201**

**Textbook:** Differential Equations, Fourth Edition by Blanchard, Devaney, and Hall; ISBN 978-1133109037

**Course Description:** First-order linear and separable equations. Second-order equations and first-order systems. Linear equations and linearization. Numerical and qualitative analysis. Laplace transforms. Applications and modeling of real phenomena throughout.

**Instructor:**

Osman Chaudhary  
Department of Mathematics and Statistics  
111 Cummington Mall  
Room B46B  
e-mail: oachaudh@bu.edu

**Office Hours:** Tuesdays 2pm - 5pm (subject to change)

**Grading:** There will be a quiz (almost) every day, and there will be 3 in-class exams. The grading breakdown is as follows:

Quizzes: 25%

Exams: 75% (each exam is 25%)

There will be homework assigned every day, but the homework will not be graded.

**Academic Honesty:** You are to rely only on your own ideas and knowledge on the quizzes and exams. Use of another individual's work is not permitted. Your work in this course is governed by BU's Academic Conduct Code (<http://www.bu.edu/dos/policies/student-responsibilities/>) which you are expected to be familiar with and abide by. In particular, with the exception of working together on the homework assignments, all work you submit in this course must be your own, original work. **It is in your best interest to work hard and not cheat.**