

MAST 330
Differential Equations
Fall 2015

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Text: *Elementary Differential Equations and Boundary Value Problems*, 9th Edition,
by W. E. Boyce and R. C. DiPrima.

Grading: 10% weekly assignments, 30% one class test, 60% a final exam. A missed test or assignment cannot be made up. If it benefits the student, the weight of the final exam will be increased to 100%

Calculators: Only calculators approved by the Department are permitted in the class test(s) and final examination. The calculators are the **Sharp EL 531** and the **Casio FX 300MS**, available at the Concordia Bookstore.

The following table gives an indication of the scope and *approximate* pace of the course, in terms of sections of the text book.

Topics	Sections	No. of Weeks on Each Topic
Introduction	1.1 – 1.4	1
First-order differential equations	2.1 – 2.7	3
Second-order differential equations	3.1 – 3.9	3
Higher-order differential equations	4.1 – 4.4	2
Laplace transforms	6.1 – 6.6	3