

**MAST 330**  
Differential Equations  
*Fall 2019*

**Instructor:** Dr. A. Boyarsky, Office: LB 901-11 (SGW), Phone: (514) 848-2424, Ext. 3240  
Email: [abraham.boyarsky@concordia.ca](mailto:abraham.boyarsky@concordia.ca)

**Office Hours:** \_\_\_\_\_

**Text:** *Elementary Differential Equations and Boundary Value Problems*, 11th 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%.

If the grading scheme for this course includes graded assignments, a reasonable and representative subset of each assignment may be graded. Students will not be told in advance which subset of the assigned problems will be marked and should therefore attempt all assigned problems.

**Calculators:** Only calculators approved by the Department (with a sticker attached as a proof of approval), such as **Sharp EL 531** or the **Casio FX 300MS**, available at the Concordia Bookstore, are permitted for the class test and final examination. See <https://www.concordia.ca/content/dam/artsci/mathstats/docs/AppCalculatorList.pdf> for a list of Approved and Not-Approved calculators.

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

Topics	Sections	No. of Weeks on Each Topic
Introduction	1.2,1.3,1.1	1
First-order differential equations	2.1 – 2.7	2
Second-order differential equations	3.1 – 3.9	3
Laplace Transform	6.1-6.4	3
Systems of First Order Linear Eq.	7.1 – 7.5	2

**Academic Integrity and the Academic Code of Conduct**

This course is governed by Concordia University's policies on Academic Integrity and the Academic Code of Conduct as set forth in the Undergraduate Calendar and the Graduate Calendar. Students are expected to familiarize themselves with these policies and conduct themselves accordingly. "Concordia University has several resources available to students to better understand and uphold academic integrity. Concordia's website on academic integrity can be found at the following address, which also includes links to each Faculty and the School of Graduate Studies: [concordia.ca/students/academic-integrity](http://concordia.ca/students/academic-integrity)." [Undergraduate Calendar, Sec 17.10.2]