Math 2400  Introduction to Differential Eqns  Spring 2018

Instructor:  D.W. Schwendeman (schwed@rpi.edu, Amos Eaton 306)

Office Hours:  Wednesdays 2:30–4:00pm, Fridays 9:30–11:00am, or by appointment.

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Teaching Assistant:  Arthur Newell (newela5@rpi.edu, Amos Eaton 427)

TA Office Hours:  Wednesdays and Fridays 11:00am–12:30pm.

Textbook:

- Elementary Differential Equations and Boundary Value Problems (10th ed.),

Outline and Text Reading:

1. Introduction: text sections 1.1 – 1.3.
2. First Order Differential Eqns: text sections 2.1 – 2.5, 2.7, (8.1)*.
7. Laplace Transforms: text sections (6.1 – 6.4).

* Sections in parentheses will be covered time permitting.

Grading Policy:

- Homework and/or Quizzes (recitation grade): 15% of course grade.
- 3 In-Class Exams (weeks of 2/19, 3/26 and 4/23): 60% of course grade.
- Required Final Exam (during finals week): 25% of course grade.