Course: Ordinary Differential Equations
Professor: Lyudmyla Barannyk
Office: 317 Brink Hall
Phone: (208) 885-6719
e-mail: barannyk@uidaho.edu
Office Hours: M, F 2:00 - 3:30 pm or by appointment
Book: Elementary Differential Equations
By W.E. Boyce & R.C. DiPrima, 9th Edition
Time: M, W, F 12:30 pm - 1:20 pm
Location: 317 Admin

Substitute Instructor: Judith Terrio
Office hours Tu, Th 11:00 am - 1:30 pm in Brink B-5
Tel: (208) 885-4041; e-mail: judit@uidaho.edu

Course web site: http://www.webpages.uidaho.edu/~barannyk/Teaching/Math310.html

Approximate Topics (order may be different):

- Review, Background and Classification of Differential Equations (Chapter 1)
- First Order Differential Equations (Chapter 2)
- Second Order Differential Equations (Chapter 3)
- Higher Order Differential Equations (Chapter 4)
- The Laplace Transforms (Chapter 6)
- Systems of First Order Linear Equations (Chapter 7)
- Nonlinear Differential Equations and Stability (Chapter 9)
- Numerical Methods (Chapter 8)
- Series Solutions of Second Order Linear Equations (Chapter 5)

Unclaimed Assignment Policy: Assignments not retrieved on the day of return can be picked up during office hours.

Exams: Midterm Exam 1, Wednesday, September 30, 12:30 pm – 1:20 pm, 317 Admin
Midterm Exam 2, Wednesday, November 4, 12:30 pm – 1:20 pm, 317 Admin
Final Exam - Monday, December 14, 12:30 pm – 2:30 pm, 317 Admin.

Calculator Policy: Calculators are not to be used on exams or quizzes.

Quizzes: There will be weekly quizzes on Wednesdays that will cover material from the previous week.

Homework: There will be suggested homework problems chosen from the textbook. These assignments will not be collected for grading. Students are required to solve all homework problems after each lecture in order to gain a better understanding of the course material and prepare for weekly quizzes and exams.
Course Grade:

<table>
<thead>
<tr>
<th>Component</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Midterm Exam 1</td>
<td>25%</td>
</tr>
<tr>
<td>Midterm Exam 2</td>
<td>30%</td>
</tr>
<tr>
<td>Quizzes</td>
<td>10%</td>
</tr>
<tr>
<td>Final Exam</td>
<td>35%</td>
</tr>
</tbody>
</table>

Grade Review Policy: No grades will be discussed immediately before class, in class or immediately following class. Questions about a particular grade assigned will be discussed in office hours or by appointment only. Written requests for the review of a grade may be placed in my mailbox with the assignment or exam. I will not accept grade review requests in class.