

9-2013

M 317.01: Ordinary Differential Equations Computer Lab

Emily F. Stone

University of Montana - Missoula, emily.stone@umontana.edu

Let us know how access to this document benefits you.

Follow this and additional works at: <https://scholarworks.umt.edu/syllabi>

Recommended Citation

Stone, Emily F., "M 317.01: Ordinary Differential Equations Computer Lab" (2013). *Syllabi*. 1744.
<https://scholarworks.umt.edu/syllabi/1744>

This Syllabus is brought to you for free and open access by the Course Syllabi at ScholarWorks at University of Montana. It has been accepted for inclusion in Syllabi by an authorized administrator of ScholarWorks at University of Montana. For more information, please contact scholarworks@mso.umt.edu.



The University of
Montana

Department of Mathematical Sciences
Fall 2013, Math 317
Ordinary Differential Equations Lab

Instructor: Dr. Emily Stone **E-mail Address:** stone@mso.umt.edu
Office: MATH 004B **Office Phone:** 243-5365
Office Hours: M 2-3, T 10-11, W 10-11, F 12-1

Course Description: This lab is a companion to Math 311, and if you are in it you are either concurrently enrolled in 311, or took it recently. The labs will illustrate topics covered in the text, and assume only a basic knowledge of computer systems (namely Windows, the OS that runs in the lab). You can purchase Maple for your own computer at the bookstore, but you must come to the lab to make sure you get all the information required for doing the investigations.

Prerequisite: Math 251

Important Dates:

Sept. 2:	Labor Day Holiday - no classes
Sept. 16:	Last day to drop/add via Cyberbear
Oct. 28:	Last day to drop classes/change sections with form
Nov. 5:	Election Day Holiday - no classes
Nov. 11:	Veteran's Day Holiday - no classes
Nov. 28-30:	Thanksgiving Day Holiday - no classes
Dec. 6:	Last Day for Drop Petitions

Lab Assignments:

Each lab will cover topics from the lectures. You will perform the investigations for that section using Maple (unless otherwise arranged). You will hand-in your annotated Maple worksheet either via email or hard copy before the meeting time for the next lab. *Labs up to 1 day late will receive a 25% deduction, up to 2 days late, a 50% deduction. Labs will not be accepted any later than 2 days past the due date.*

Grading:

Each lab is worth 10 points. From the total number of points possible for the course, grades will be assigned on the usual percentage scale, 90-100% A, 80-89 B, etc.