

M317 – Ordinary Differential Equations Lab

Instructor Information:

Instructor: Javier Pérez Álvaro

Office: M301

Email: javier.perez-alvaro@mso.umt.edu

Office hours: See <http://www.umt.edu/people/perezalvaro> for up-to-date OH.

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).

Recommended Textbook: Elementary Differential Equations, by W. E. Boyce, R. C. DiPrima.

Lab Assignments: Each lab will cover topics from the lectures. You will perform the investigations for that section using Matlab (which is widely available on campus). You will hand-in your assignment 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.

Student Conduct: All students need to be familiar with the Student Conduct Code. You can find in the "A to Z Index" on the UM home page. All students must practice academic honesty. Academic misconduct is subject to an academic penalty by the course instructor and/or a disciplinary sanction by the University.

Accommodation: The University of Montana assures equal access to instruction through collaboration between students with disabilities, instructors and Disability Services for Students (DSS). If you think that you may have a disability adversely affecting your academic performance, and you have not already registered with DSS, please contact DSS in Lommasson Center 154 or call 406.243.2243. I will work with you and DSS to provide an appropriate accommodation.

Important note: Announcements made in class are considered addenda to this syllabus. Make sure you stay informed as the progress of the class.