

MATH 462/512
Introduction to Ordinary Differential Equations

Instructor: Pavel Lushnikov

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Web: All information for this course - **homework assignments, exam dates, book sections to read**, etc. will be posted on the web at

[http://www.math.unm.edu/~ plushnik/teaching/math512fall2026](http://www.math.unm.edu/~plushnik/teaching/math512fall2026)

Textbook: *Lawrence Perko. Differential Equations and Dynamical Systems. 3rd edition, Springer*

Course grading

Homework: 15 %

Two Midterms at 30 % each

Final Exam: 25 %

Homework:

Problems are assigned with assignment dates at

<http://math.unm.edu/~plushnik/teaching/math512fall2021/schedule512fall2021.html>

Previous weeks assignments due on Tuesdays at the beginning of lecture.

*Home work is the most important part of the learning experience. You can cooperate while doing homework, but I still expect your assignments to be completed and written by you in your own words, not containing pieces taken verbatim from elsewhere. HWs that look too much alike will not be counted. **No late homework** will be accepted.*

Make-up exam policy:

No make-up exam will be given unless you contact me in advance with written authorization from university to miss exam (illness, family emergency, active participation in athletic events).

Attendance is required *If you have three or more unexcused absences, you might be dropped from the course. However, it is your responsibility to drop the course if you decide to stop attending classes. If you don't, you may receive an F.*

Student behaviour: *Students are expected to behave in a courteous and respectful manner towards the class; this helps create a positive and supportive learning atmosphere in the classroom. Please be on time for your lectures, turn off your cell-phone and refrain from talking in class, leaving the classroom in the middle of a lecture or doing any other activity that could be disruptive to the class. Cheating will not be tolerated.*