

Math 361 – Course Information

Instructor:	Dr. G. Lugo
Office Hours:	ST 2016L. By appointment.
Textbooks:	https://people.uncw.edu/hermannr/mat361/ODEBook/index.htm
	Download book

Content	
Chapter 1	First Order Differential Equations
Chapter 2	Second Order Linear Differential Equations
Chapter 3	Numerical methods
Chapter 4	Series Solutions
Chapter 5	Laplace Transforms
Chapter 6	Linear Systems of Differential Equations
Appendix A	Calculus Review

Grading	The grade will be based on the sum of your scores on the following:		
Quizzes/Labs	100 points		A 90 -100
Exam 1	100 points	Sept 18	B 80 -89
Exam 2	100 points	Oct 21	C 70 - 79
Exam 3	100 points	Nov 20	D 60 - 69
Final	200 points	Schedule	F < 60
Total score will be refined/stratified with a finer plus or a minus scale.			

Make-up's	There will be no make-up's, no early exams; no exceptions! If you miss an exam without a proper excuse you will get zero points in that exam. If you miss an additional exam for any reason, you will get zero points on that exam.
Grade Replacement	The lowest score in one of the three midterms will be replaced by half of the score in the final exam, should the latter be higher. This will only apply if the student was present and took the exam, Only one grade replacement is allowed. In the exceptional circumstance that a student misses one exam with a proper excuse, submitted prior to date of the exam, then that will be the exam to which the grade replacement applies.
Honor Code	Complete academic honesty is expected from all students. Please, read Student Academic Honor Code .
Disabilities	Contact www.uncw.edu/disability for documentation and procedures for (reasonable) disability accommodations
SLO's	Upon successful completion of this course, students will be able to: a) Solve special classes of first order ODE's b) Apply methods to solve second order ODE's. c) Use the method of infinite series and Laplace transforms d) Use linear algebra to solve linear systems of ODE's. e) Model real world problems such as the simple harmonic oscillator.