

Instructor: Dr. S. D. Taliaferro, 226 Milner Hall, 845–2404, stalia@math.tamu.edu, <http://www.math.tamu.edu/~steven.taliaferro>

Office hours: MWF 1:30–2:30 and by appointment

Text: R. K. Nagle, E. B. Saff, and A. D. Snider, *Fundamentals of Differential Equations and Boundary Value Problems*, Custom Edition, Addison-Wesley, 2004.

Manual: Barrow et al., *Solving Differential Equations with Maple V Release 4*, Brooks/Cole, 1998.

Grading scheme:

Midterm exam	50 points
Quizzes (13 points each, drop the lowest)	130 points
Final exam (May 5, 1–3pm)	60 points
Total possible	240 points

Your letter grade will be determined from your point total as follows: 216-240 points, A; 192-215 points, B; 168-191 points, C; 144-167 points, D; 0-143 points, F.

Midterm exam: No calculators will be allowed. The midterm exam is scheduled for March 20. Make-ups (or satisfactory alternatives) will be given only in cases authorized under *TAMU Student Rules*.^{*} If you miss this exam, contact me *immediately*.

Quizzes: No calculators will be allowed. Quizzes will be given every Thursday except January 17, March 20, and April 24. Your lowest quiz score will be dropped. Each quiz will consist of an in-class written part (10 points) and an out-of-class MAPLE part (3 points). Make-ups will not be given. However if you miss a quiz due to an authorized absence^{*} and you contact me immediately then your grade for the missed quiz will be the average of all your other quizzes. If you feel that a quiz (or the midterm) was incorrectly graded, you should attach a note of explanation to it and resubmit it within one week from the day that particular quiz was returned to the class.

Homework: See the homework sheet for the problems you should work. Homework will not be collected. To do well in this class, I strongly suggest you do *all* the assigned homework problems for each section right after the section is covered in class.

Subject matter: We will classify ordinary differential equations and develop techniques for finding all solutions of all equations in some of these classes. The prerequisite for this course is Math 251 or equivalent.

MAPLE help sessions: Mon–Thur 7:00pm–10:00pm; Sunday 1:00–10:00pm; BLOC 127.

Math 308 help sessions: See

<http://www.math.tamu.edu/teaching/wordpress/stuinfo/?p=17>

^{*} In case of injury or illness, you should obtain a medical confirmation note from your medical provider.

Calclab and MAPLE information: <http://calclab.math.tamu.edu>

Disabilities: The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you believe you have a disability requiring an accommodation, please contact the Department of Student Life, Disability Services Office, in Room B118 of Cain Hall or call 845-1637.

Academic integrity statement: “An Aggie does not lie, cheat, or steal or tolerate those who do.” Please see the Honor Council Rules and Procedures on the web at <http://www.tamu.edu/aggiehonor>