MATH 308 - DIFFERENTIAL EQUATIONS

Instructor: **Dr. Isaac Harris**
Office: 621A Blocker
E-mail: iharris@math.tamu.edu -or- iharris@tamu.edu
Website: [http://www.math.tamu.edu/~iharris/](http://www.math.tamu.edu/~iharris/)
510 Lecture: T -Blocker 128 and R-Blocker 163 at 09:35 am-10:50 am
511 Lecture: T -Blocker 128 and R-Blocker 163 at 11:10 am-12:25 pm
Office Hours: TR 3:00pm - 4:00pm am or by appointment

**Class Description/Learning Objectives:** The topics we will be covering are: Ordinary differential equations, solutions in series, solutions using Laplace transforms, systems of differential equations. The course will cover the material covered in Chapters 1-3 and 5-9. By the end of the course students should be able to analytically (and numerically) solve first order, linear second order and systems of linear differential equations. As well as series solutions if time permits.


**Aggie Honor Code:** An Aggie does not lie, cheat, or steal or tolerate those who do. Academic dishonesty will not be tolerated. For the universitys policy of student conduct and academic integrity go to the following link: [http://www.tamu.edu/aggiehonor/](http://www.tamu.edu/aggiehonor/).

**Disability Services:** Students with disabilities should contact the Disability Services Office at the website [http://disability.tamu.edu/](http://disability.tamu.edu/) and follow their instructions. They are expected to contact the instructor. Disability Services is located in the Disability Services building at the Student Services at White Creek complex on west campus or call 979-845-1637.
Evaluation:

• 2 Exams (25 percent each)
• Quizzes (25 percent)
• Homework (Assigned but not graded)
• Matlab Assignments (extra credit)
• Final (25 percent)

Grading Scale:

A=100-90 % | B=89-80 % | C=79-70 % | D=69-60 % | F < 60%

Tentative Exam Schedule:
Exam 1-Oct 12th and Exam 2-Nov 7th.

There will be quizzes given during the times announced in Class. There will be two Exams and a cumulative Final along with homework assignments due throughout the course. All questions will come from topics covered in lecture and lab. Please check the score and the deducted points within the first 24 hours after you received the assignment. Matlab assignments will be given during the semester and can be used to replace a quiz grade. Late assignments will not be accepted. Exam absences due to recognized University related activities, religious holidays, verifiable illness, and family/medical emergencies will be dealt with on an individual basis. Consult the University Attendance Policies online. We will conduct the class under the assumption that you have attended all lectures. In particular, you are responsible for any announcements made in class. NO CALCULATORS are allowed for Exams, Quizzes, or the Final.

Make-up Policy: Make-ups for missed quizzes and exams will only be allowed for a university approved excuse in writing. Wherever possible, students should inform the instructor before an exam or quiz is missed. Make-up lab and homework assignments will also only be given in the case of a university approved excuse.

Note: This syllabus is subject to change.