MATH 2552: Differential Equations
January - May 2017
TR 9:35 - 10:55 at Howey L3
Course Webpage
http://people.math.gatech.edu/ sscott42/teach/2552spring17/math2552.html

Lecturer	Shane Scott
Email	scottsha@gatech.edu
Office	Skiles 252
Hours	on course site
	or by appointment

	D1	D2	D3
Instructor	Pedro Maddens	Renyi Chen	Renyi Chen
Room	Skiles 202	Skiles 170	Skiles 156
Time	MW 9:05-9:55	MW 9:05-9:55	MW 10:05-10:55

Welcome to Differential Calculus! Attend all lectures. Relevant text sections will be posted to the course webpage. Read the text sections and work through text examples to prepare for lecture. Participate.

Course Objectives: Students will learn to construct, analyze, and solve differential equation with applications from biology, physics, and engineering. We will learn solutions to common equations, numerical techniques for estimating solutions, and equilibrium phenomena.

Resources:

· The Course Webpage will update to keep abreast with our progress and carry course materials.

· T-square will host grades.

· Piazza will host online class Q&A and announcements.

· Mathlab in Culc 280 offers free tutoring from recitation instructors. Check the link for summer hours.

Textbook: James R. Brannan and William E. Boyce, Differential Equations (an introduction to modern methods and applications), 3rd edition, John Wiley & Sons, 2015.

Grade Policy: Homework will be assigned and posted to the course website on a weekly basis. Quizzes over homework problems will be given in recitation. The lowest two quiz grades will be dropped. In calss participation extra credit may

be given for clicker response questions in lecture and as recitation participation grades. There will be 2 midterm exams and a cumulative final. Only paper and pencil are allowed in any quiz. On exams you may also bring one sheet of hand written notes. Grades will be computed with the following weights

(a) Quizzes and Participation 30%

(b) Two Midterms 20% each

(c) Final Exam 30%

Cutoff grades will be F=[0,60), D=[60,70), C=[70,80), B=[80,90), A=[90,100]. Make-up examinations will be given only in the event of a valid, documented excuse. Exam regrade requests may be made in writing within one week of return.

Students with Disabilities and/or in need of Special Accommodations: Georgia Tech complies with the regulations of the Americans with Disabilities Act of 1990 and offers accommodations to students with disabilities. If you are in need of Testing Accommodations and/or Note Taking Service, please contact the ADAPTS office.

Honor Code: All students are expected to comply with the Georgia Tech Honor Code. Any evidence of cheating or other violations of the Georgia Tech Honor Code will be submitted directly to the Office of Student Integrity. The institute honor code is available at http://www.honor.gatech.edu.

Important Dates:

First Class .... 9 January
Add/Drop Deadline .... 13 January
Exam 1 .... 9 Feb
Withdraw Deadline .... 15 March
Spring Break .... 20-24 March
Exam 2 .... 30 March
Last Class .... 25 April
Course Final .... Tuesday 2 May 2:50 - 5:40