

Syllabus-Quantitative Reasoning -MATH 214-004-Fall 2018

Instructor: Thom Ales

Email: tales@masonlive.gmu.edu

Office: Exploratory 4310

Office Hours: T 6:00pm-8:00pm or by appointment

Classroom: Planetary Hall 224

Class Time: TR 8:45pm-10:00pm

Teaching Assistant: Yemeen Ayub

Recitation: R 7:20pm-8:10pm Planetary 224

Text: Elementary Differential Equations, 11th Edition, Boyce, DiPrima. ISBN-13: 9781119169741. We will cover approximately chapters 1-7.

Course Description: This course covers first-order ODEs, higher-order ODEs, Laplace transforms, linear systems, nonlinear systems, numerical approximations, and modeling.

Homework: There is no graded homework, though you should do the problems assigned at the end of each chapter.

Quizzes: A quiz will be given in each recitation. The quiz will cover material discussed in the two lectures prior to the day of the recitation. The quizzes will account for 15% of your final grade and scores are up to the discretion of the Teaching Assistant (unless you feel as though you are being treated unfairly, in which case I will meet with both you and the TA and make my own assessment).

Exams: There will be **three** exams given throughout the semester. They will be worth 20% of your final grade each.

Final Exam: There will be a cumulative final exam given on **Thursday, May 9th** from 7:30pm-10:15pm. The final exam will be worth 25% of your final grade.

Grading: Grading will be done on a standard 10 point scale.

Attendance Policy: There is no attendance policy, but **make up work will only be given in extreme circumstances as determined by the instructor**. If you miss class, any graded work from that day will be recorded as a 0.

Additional Help: The Math Tutoring Center, located in the Johnson Center, Room 344, offers help Sunday through Friday. Hours can be found online.

Honor Code: All students are bounded by the GMU honor code. Failure to comply could result in failure of the course.

Office of Disability Service: If you think you need certain accommodations to take this course, contact the Office of Disability Services and set that up with them.