Math 225 – Linear Algebra and Differential Equations (Spring 2018)

Lecture: MWF 11-11:50am in SOS B4
Discussion: TuTh 8am; 9am in GFS 108
Instructor: Jason Fulman
Office: KAP 424D
Contact info: email (best way to contact): fulman@usc.edu
Phone: 213-821-2218
Office hours: Mon. 4-5, Wed. 2-3 and Fri. 3-4

Prerequisites: Math 126 or Math 127

Textbook: Differential equations and linear algebra, by Goode and Annin, 4th edition

Teaching assistant name and office hours: TBA

Course Content: Matrices, systems of linear equations, vector spaces, linear transformations, eigenvalues, systems of linear differential equations. This corresponds to Chapters 1-9 of the Fourth edition.

Grading: Quizzes 30%, Midterm 25%, Final 45%

Homework: Suggested homework problems will be posted periodically on the course website http://www-bcf.usc.edu/~fulman/math225spring_2018.html. These problems will be assigned but not collected.

Quizzes: A quiz will be given most weeks on Thursdays, though definitely not on the first week of class or on the week in which the midterm is held. The quiz problems will be similar to homework problems assigned in the previous week. The lowest two quizzes will be dropped. There will be no makeup quizzes.

Date of Exams:
Midterm: Wed. March 7 (in class)
Final: Wed. May 2, 11am-1pm, room to be announced

No calculator or electronic device of any kind is permitted on the quizzes or exams, and credit will mostly be given for the work and not the numerical answers in the solutions. A one sided formula sheet will be allowed for the midterm, and a two-sided formula sheet will be allowed for the final.

Math Center: The mathematics department hosts a math help center in KAP 263.

Students with Disabilities: Any student requesting academic accommodations based on a disability is required to register with Disability Services and Programs (DSP), and a letter of verification detailing approved accommodations must be delivered to me as early in the semester as possible.