

Math 245 – Mathematics of Physics and Engineering 1 (Fall 2017)

Lecture: MWF 10-10:50am in THH 210

Discussion: TuTh 10am; 11am in THH B9

Instructor: Jason Fulman

Office: KAP 424D

Contact info: email (best way to contact): fulman@usc.edu

Phone: 213-821-2218

Office hours: Mon. 12-1, Wed. 1-2 and Fri. 11-12

Prerequisites: Math 226 or Math 227

Textbook: Differential equations: an introduction to modern methods and applications, by Brannan and Boyce, 3rd edition

Teaching assistant name and office hours: TBA

Course Content: We will cover most of the textbook, and other selected topics

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

Homework: Suggested homework problems will be posted on the course website http://www-bcf.usc.edu/~fulman/math245fall_2017.html. These problems will be assigned but not collected.

Homework Quizzes: A quiz will be given most weeks on Thursday. There will be no quiz for the first week of class, or for the week on 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.

Midterm Exam: There will be one midterm on Friday, October 20 in the regular classroom during the regular meeting time.

Final Exam: The final exam is comprehensive and will be held at the time specified in the University Schedule of classes: Monday, December 11, 8-10 am, location to be announced.

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

Calculators: A calculator is not necessary for this class. NO calculators, or other electronic devices (such as a phone) are permitted during quizzes or exams.

Academic Integrity: Students will abide by the USC academic integrity policy at all times. In particular, collaboration, unauthorized use of notes, or any electronic device during quizzes, the midterm or the final is strictly prohibited. Failure to abide by this policy will result in a score of 0 on that section of the class grade, and the violation will be reported.

Concerns and Conflicts: In case of concerns about the course, or the instructor, that cannot be resolved by speaking with the instructor, please contact the Undergraduate Director Larry Goldstein (email: larry@usc.edu)

Students with Disabilities: Any student requesting academic accommodations based on a disability is required to register with Disability Services and Programs (DSP) each semester, and a letter of verification detailing approved accommodations must be delivered to your Instructor as early in the semester as possible. DSP is located in STU 301 and is open 8:30am-5pm Monday through Friday. The phone number for the DSP office is (213)-740-0776.