

MATH 5233 Partial Differential Equations *

Fall 2016, MWF 2:30-3:20pm, MSCS 428.
HSCI 129 (Aug 15 - Sep 9)

Instructor: Dr. N. Ju, @ MS 434. (405)744-5691, ning.ju@okstate.edu.
Office hours: MW 3:30-4:30pm and by appointment.

Textbook: Lawrence Evans, *Partial Differential Equations*, 2nd edition, American Mathematical Society, 2010.

Topics: Part I of the textbook including Chapter 2, selected sections of Chapters 3 and 4 plus selected parts of Appendices.

Prerequisite: Math 4013 (Multivariable Calculus), Math 4143 (Advanced Calculus) and Math 4233 (Intermediate Differential Equations).

Attendance: Attendance is mandatory.

Exams: There will be a mid-term exams, the date of which will be announced about a week ahead. Final exam is Dec 7, Wednesday, 2:00-3:50p. Check registrar.okstate.edu/exams for updates.

Grading: Temporary cutting lines: **A:** 90-100%, **B:** 80-89%, **C:** 70-79%, **D:** 60-69%, **F:** 0-59%:

$$100\% = 40\%(\text{homework}) + 20\%(\text{mid-term}) + 40\%(\text{final}).$$

Reasonable adjustment of cutting lines for final grades may be applied at the end of semester.

* Changes to this syllabus, if there is any, will be announced later in time.