MATH 2910, Honors add-on for Differential equations, Fall 2015

MATH 2910.704, T 10:30-11:20AM, CLB 306

- **Course description:** The honors add-on for Math 2233, Differential Equations, aims at providing honors students with a more in-depth understanding of the relation between the theoretical properties and the broad applications of various ordinary differential equations. Students will learn how to use theoretical tools, for example, knowledge about derivatives and integrals from calculus courses, existence and uniqueness theory of differential equations, mathematical properties of series and Laplace transforms, to model and analyze real-world application problems. Matlab will be used in class to better illustrate how these theories help to explain actual physical phenomena.

- **Instructor:** Yanqiu Wang
  - Office: 441 MATH (405-744-5698).
  - Office Hours: TR 2-3pm, or by appointment.
  - Email: yanqiu.wang (AT) okstate.edu

- **Textbook:** Elementary Differential Equations and Boundary Value Problems (10th ed)
  Authors: W.E. Boyce and R.C. DiPrima

- **Grading policy:** Your final grade will be based on several projects throughout the semester. For each project, a well-formatted written report is required.

- **Make-up policy:**
  - Make-up project reports will only be allowed for an authorized absence under the University Regulations.
  - Student should contact the instructor to schedule make-up project reports by the end of the next working day after the missed work.
  - Appropriate documentation shall be provided by the student to support his or her request for make-up project reports.

- **D2L:** Everyone should register in D2L. The following documents will be posted on D2L:
  - Syllabus, and syllabus attachment
  - Project assignments
  - Grades (You will only be able to see the grade of yourself)
  - Other materials if necessary

- **Mathematics Learning Success Center (MLSC)** MLSC provides free tutoring for Math 2233. Check https://math.okstate.edu/mlsc for more information and time schedule.