

Syllabus MA 214: Calculus IV, Section 005

Spring 2017 - Link to online homework.

Link to help sessions in Mathskeller is here

Instructor Information:

Instructor: Dr. Nathan Druivenga

Office: Patterson Office Tower 725 (POT 725)

Email: nathan.druivenga@uky.edu (The best way to reach me!)
Please include "Math 214" somewhere in the email.

Telephone: Office phone: 859-257-2354

Office Hours: All office hours held in the Mathskeller. M 10:05-11:00, W 1:05-2:00, F 11:00-11:55. Other times available by appointment. Send an email or stop by my office.

Class Time and Location: M, W, and F 12:00-12:50 CB 234 (Whitehall Classroom Building).

Canvas Website: <https://uk.instructure.com/courses/1881988>

Textbook: Boyce and DiPrima, Elementary Differential Equations, 10th ed., 2012, Wiley, ISBN-13: 9780470458327. You may also purchase UK custom Ed. ISBN-13: 9781118977880. There are also online notes available at <http://www.jirka.org/diffyqs/diffyqs.pdf> or <http://www.math.cornell.edu/~bterrell/dn.pdf>.

Material: Chapters 1 through 7. Some material will be omitted. This is a course in ordinary differential equations. Emphasis is on first and second order equations and applications. The course includes series solutions of second order equations and Laplace transform methods." From the University of Kentucky Course Bulletin.

Grading: Your grade will be calculated out of 100%, distributed as follows.

Exam 1 - Feb 17	20%
Exam 2 - March 31	20%
Weekly Friday Quizzes	20%
Homework	10%
Cumulative Final Exam (May 3 1:00pm)	30%

Your overall letter grade will be based on the following percentages (rounded to the nearest whole percent):

A 90%-100% B 80%-89% C 70%-79% D 60%-69% E 0%-59%

Absences: If you will miss a quiz or exam, you must notify me *as soon as possible*. You may need to provide appropriate documentation; see Senate Rule 5.2.4.2 for more information.

Homework: The homework will be online and due each Friday of non-exam weeks. The online system is Web Work, which is free to students. Your login is your link blue ID in lowercase (mine would be nadr222), and your initial password is your student number without the leading 9. You can access the [online homework here](#).

Calculator: For exams and quizzes, the problems will be designed so as not to require a calculator. Therefore, there will be no calculators allowed for exams and quizzes.