

MA 214: Calculus IV, Section 001

Spring 2018 - Link to WeBWork Online Homework<<https://webwork.as.uky.edu/webwork2/MA214001S18/>>

Link to Mathskeller Help Session Schedule.<<https://math.as.uky.edu/mathskeller>>

Instructor Information:

Instructor: Dr. Nathan Druivenga

Office: Patterson Office Tower 725 (POT 725)

Email: nathan.druivenga@uky.edu<<mailto:nathan.druivenga@uky.edu>> (The best way to reach me!)

Please include "Math 214" somewhere in the email.

Office phone: [859-257-2354](tel:859-257-2354)

Office Hours: All office hours held in the Mathskeller. M 11:05-12:00, W 11:05-12:00, F 9:00-10:00.
Other times available by appointment.

Class Time and Location: M, W, and F 8:00-8:50am CB 214 (Whitehall Classroom Building).

Textbook: We will be using a free text available for download in Canvas under Modules<<https://uk.instructure.com/courses/1908992/modules>> or you can download it here<<http://www.jirka.org/diffyqs/diffyqs.pdf>>. Notes On Diffy Qs by Lebi version 5.2. There are also supplementary materials available in Modules<<https://uk.instructure.com/courses/1908992/modules>>.

Material: Chapters 1-3,6, and 7 but not in this order. The order of topics is given in the tentative agenda<<https://uk.instructure.com/courses/1908992/files/88830594/download>>. Some material will be omitted. Some supplementary material will be added. 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 16	20%
Exam 2 - March 30	20%
Weekly Friday Quizzes	20%
Homework	10%
Cumulative Final Exam (May 3 10:30am)	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%

Homework: The homework will be online and due each Friday of non-exam weeks. The online system is WebWork, which is free to students. Your login is your link blue ID in all CAPS (mine would be NADR222), and your initial password is your student number without the leading 9. You can access the online homework here.<<https://webwork.as.uky.edu/webwork2/MA214001S18/>>

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.

Absences: If you will miss a quiz or exam, you must notify me as soon as possible. You will need to provide appropriate documentation. Senate Rules 5.2.4.2 defines the following as acceptable reasons for excused absences: (a) serious illness, (b) illness or death of family member, (c) University-related trips, (d) major religious holidays, and (e) other circumstances found to fit "reasonable cause for nonattendance" by the professor.

Students anticipating an absence for a major religious holiday are responsible for notifying the instructor in writing of anticipated absences due to their observance of such holidays no later than the last day in the semester to add a class. Two weeks prior to the absence is reasonable, but should not be given any later. Information regarding major religious holidays may be obtained through the Ombud ([859-257-3737](tel:859-257-3737), http://www.uky.edu/Ombud/ForStudents_ExcusedAbsences.php (Links to an external site.))Links to an external site.<http://www.uky.edu/Ombud/ForStudents_ExcusedAbsences.php>.

Students are expected to withdraw from the class if more than 20% of the classes scheduled for the semester are missed (excused) per University policy.

Per Senate Rule 5.2.4.2, students missing any graded work due to an excused absence are responsible: for informing the Instructor of Record about their excused absence within one week following the period of the excused absence (except where prior notification is required); and for making up the missed work. The professor must give the student an opportunity to make up the work and/or the exams missed due to an excused absence, and shall do so, if feasible, during the semester in which the absence occurred.

Verification of Absences

Students will be asked to verify their absences in order for them to be considered excused. Senate Rule 5.2.4.2 <<http://www.uky.edu/Faculty/Senate/files/Excused%20Absences%209-2-09.pdf>> states that faculty have the right to request "appropriate verification" when students claim an excused absence because of illness or death in the family.

- * A student must notify the Instructor of an absence prior to the absence or within one week after the absence. SR 5.2.4.2.E.
- * A student must submit any written documentation supporting an excused absence within one week after the absence, except when the absence is for the observation of a major religious holiday.
- * An absence for a major religious holiday or University-related trips requires advanced written notification two weeks before the event.
- * In the event of serious illness a University Health Services Tier 2 or Tier 3 excuse is required, or a similar note from a health care provider who will confirm that you are a patient and were seen on the indicated day. Tier 1 excuses will not be accepted.

Dead Week

Classes continue as usual. Homework is due and the typical measures of in-class participation will be present. No papers or exams will be given during dead week.

Academic Integrity

Per University policy, students shall not plagiarize, cheat, or falsify or misuse academic records. Students are expected to adhere to University policy on cheating and plagiarism in all courses. The minimum penalty for a first offense is a zero on the assignment on which the offense occurred. If the offense is considered severe or the student has other academic offenses on their record, more serious penalties, up to suspension from the University may be imposed.

Plagiarism and cheating are serious breaches of academic conduct. Each student is advised to become familiar with the various forms of academic dishonesty as explained in the Code of Student Rights and Responsibilities. Complete information can be found at the following website: <http://www.uky.edu/Ombud> (Links to an external site.)Links to an external site.<<http://www.uky.edu/Ombud>>. A plea of ignorance is not acceptable as a defense against the charge of academic dishonesty. It is important that you review this information as all ideas borrowed from others need to be properly credited.

Senate Rules 6.3.1 (see <http://www.uky.edu/Faculty/Senate/> (Links to an external site.)Links to an external site.<<http://www.uky.edu/Faculty/Senate/>> for the current set of Senate Rules) states that all academic work, written or otherwise, submitted by students to their instructors or other academic supervisors, is expected to be the result of their own thought, research, or self-expression. In cases where students feel unsure about a question of plagiarism involving their work, they are obliged to consult their instructors on the matter before submission.

When students submit work purporting to be their own, but which in any way borrows ideas, organization, wording, or content from another source without appropriate acknowledgment of the fact, the students are guilty of plagiarism.

Plagiarism includes reproducing someone else's work (including, but not limited to a published article, a book, a website, computer code, or a paper from a friend) without clear attribution. Plagiarism also includes the practice of employing or allowing another person to alter or revise the work, which a student submits as his/her own, whoever that other person may be. Students may discuss assignments among themselves or with an instructor or tutor, but when the actual work is done, it must be done by the student, and the student alone.

When a student's assignment involves research in outside sources or information, the student must carefully acknowledge exactly what, where and how he/she has employed them. If the words of someone else are used, the student must put quotation marks around the passage in question and add an appropriate indication of its origin. Making simple changes while leaving the organization, content, and phraseology intact is plagiaristic. However, nothing in these Rules shall apply to those ideas, which are so generally and freely circulated as to be a part of the public domain.

Please note: Any assignment you turn in may be submitted to an electronic database to check for plagiarism.

Accommodations due to disability

If you have a documented disability that requires academic accommodations, please see me as soon as

possible during scheduled office hours. In order to receive accommodations in this course, you must provide me with a Letter of Accommodation from the Disability Resource Center (DRC). The DRC coordinates campus disability services available to students with disabilities. It is located on the corner of Rose Street and Huguelet Drive in the Multidisciplinary Science Building, Suite 407. You can reach them via phone at [\(859\) 257-2754](tel:8592572754) and via email at drc@uky.edu. Their web address is <http://www.uky.edu/StudentAffairs/DisabilityResourceCenter/> (Links to an external site.)Links to an external site.<<http://www.uky.edu/StudentAffairs/DisabilityResourceCenter/>>.

Non-Discrimination Statement and Title IX Information:

The University of Kentucky faculty are committed to supporting students and upholding the University's non-discrimination policy. Discrimination is prohibited at UK. If you experience an incident of discrimination we encourage you to report it to Institutional Equity & Equal Opportunity (IEEO) Office, 13 Main Building, [\(859\) 257-8927](tel:8592578927).

Acts of Sex- and Gender-Based Discrimination or Interpersonal Violence: If you experience an incident of sex- or gender-based discrimination or interpersonal violence, we encourage you to report it. While you may talk to a faculty member or TA/RA/GA, understand that as a "Responsible Employee" of the University these individuals MUST report any acts of violence (including verbal bullying and sexual harassment) to the University's Title IX Coordinator in the IEEO Office. If you would like to speak with someone who may be able to afford you confidentiality, the Violence Intervention and Prevention (VIP) program (Links to an external site.)Links to an external site.<<http://www.uky.edu/StudentAffairs/VIPCenter/>> and Bias Incident Support Services (Links to an external site.)Links to an external site.<<http://www.uky.edu/biss/>> (Frazee Hall – Lower Level), the Counseling Center (Links to an external site.)Links to an external site.<<http://www.uky.edu/StudentAffairs/Counseling/>> (106 Frazee Hall), and University Health Services (Links to an external site.)Links to an external site.<<http://ukhealthcare.uky.edu/uhs/student-health/>> are confidential resources on campus.

Disclaimer

I reserve the right to change or amend this syllabus at any time for any reason. In this event, proper notice will be given in class.