

RECITATION SYLLABUS

Recitation Time and Location: Section 010, TR 2:00 pm - 3:15 pm in CB 237
 Section 012, TR 3:30 pm - 4:45 pm in CB 341

Course Website: <http://www.ms.uky.edu/~droyster/MA114F17/>

Instructor: Vasily Zadorozhnyy

Email: vasily.zadorozhnyy@uky.edu (Preferred method)

Phone: (859) 257-7216

Office Hours: W 8:00 am - 9:00 am in POT 902

Mathskeller Office Hours: TR 9:00 am - 10:00 am

Recitation Goals and Structure: The goal of recitation is to supplement your understanding of the mathematical ideas presented in lecture. A typical recitation period will involve forming a group (usually assigned) with several other students to work collaboratively on the recitation worksheet. This will involve you and your peers communicating with the recitation leader and one another to fill in gaps in your understanding of the content from the previous two lectures.

Recitation Worksheets: The majority of the recitation class period centers around solving problems on that days recitation worksheet. Students will be given recitation worksheets in class for the first class session and are expected to bring there own (either printed or on a laptop or tablet) beginning with the second recitation class. The remaining worksheets can be accessed or printed from the course website - <http://www.ms.uky.edu/~droyster/MA114F17/>. **Coming to class without the appropriate recitation worksheet will count as an unexcused absence.**

Homework Questions I will spend at most five minutes at the beginning of class addressing homework questions; otherwise, class time should not be used on homework or work for your other classes. You are encouraged to bring homework questions to office hours or to email questions to me.

Quizzes There are 10 quizzes given regularly throughout the semester, starting in the second week. Each quiz consists of one or two problems and takes up to 15 minutes. Each quiz is worth 4 points. The problems will be similar to exam problems and will help you to prepare for the exams. The graded quiz will be returned in the next recitation class. You are responsible for knowing the University policy on academic dishonesty. See the MA 114 Lecture syllabus for the policy. The grade counts toward your MA 114 grade. See dates and topics for quizzes below.

Quiz #	Date	Topic
1	Thur, Aug 31	Integration by parts & Partial fractions
2	Thur, Sep 07	Special trig integrals
3	Thur, Sep 14	Numerical integration & Improper integrals
4	Thur, Sep 28	Sequences & Series
5	Thur, Oct 5	Integral test, Comparison & Limit Comparison tests, Alternating series
6	Thur, Oct 12	Absolute & Conditional convergence, Ration & Root tests, Power series
7	Thur, Oct 26	Average value & Volumes
8	Thur, Nov 02	Arc length & Surface area
9	Thur, Nov 09	Center of mass & Parametric equations
10	Thur, Nov 30	Differential equations & Direction fields

Attendance and Tardy Policy: In addition to the 4 hours of credit for MA 114, the department offers one additional credit as MA 194 on a pass/fail basis. You will pass MA 194 if you have at most 2 unexcused absences during MA 114 recitations and you pass MA 114. If you fail MA 114 you

will automatically fail MA 194. I will take attendance at every recitation at the end of our meeting. If there are special circumstances that will require you to be late to class on a regular basis please contact me as soon as possible. To be excused, you must notify me before the missed class period. Please refer to §5.2.4.2 of the Student Code of Conduct for what constitutes an excused absence (<http://www.uky.edu/StudentAffairs/Code/part2.html>). Also, if you are enrolled in MA 194, make sure you are registered for the same section number as your MA 114 class. If you drop MA 114, make sure you drop MA 194.

Office visits: If you plan to attend my office hours you have to come prepared. Write down question(s) that you have in mind this way it would save both of us some time. Do not ask me how to do a particular problem without trying it first yourself. In other words show me some work on that given problem.

Emails: I will answer emails sent to me **within 24 hours** on the weekdays and **48 hours** on the weekends. If I have not replied to you in the amount of time mentioned above please send me another email. In the subject line of the email please include your section number and last name, for example: MA114-010 Zadorozhnyy ... If you have a question on a homework or recitation worksheet send me an email as soon as you can and do not wait until the last moment. Please plan accordingly!

Electronics: Laptops and tablets are allowed during recitation **only** for accessing the day's recitation worksheet. Phones should not be used during class. Using electronics for other purposes, including doing homework, may count as an unexcused absence.

Calculators: You are allowed to use TI-83, TI-84 and TI-*Nspire* CX calculators during recitation sections and quizzes. TI-89, TI-*Nspire* CX CAS or any other computer algebra system calculators are not allowed during quizzes.

Additional Practice: If you feel like you need an additional practice or help with your class assignments you should go and check the MATHSKELLER office located at the basement of Whitehall Classroom Building room CB063 and/or check their website at <https://math.as.uky.edu/mathskeller>.

I reserve the right to alter this syllabus as necessary with proper notification.