

MA 114 : Calculus II - Section 011

Course Syllabus, Summer II 2018

Instructor: Hunter Lehmann
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Office Hours: Mon/Wed 2-3 PM, Fri 11:30-1 PM, and by appointment
Textbook: Calculus (8th edition), by James Stewart
Class Time: MTWR 10:20 AM - 12:30 PM, F 10:20 AM - 11:20 AM, CB 307
Website: We will be using Canvas: *uk.instructure.com*

Canvas: The website for this course contains information such as the updated course syllabus, course grades, worksheets, and other relevant information. Any adjustments to the course will be reflected on the website.

Overview of Course: MA 114 is a second course in Calculus, which covers the majority of Chapters 7 through 11 of the text, *Calculus (8th Ed.)*, by James Stewart. This includes applications of the integral, techniques of integration, convergence of sequences and series, Taylor series, parametric equations, and polar coordinates.

Prerequisites: A grade of C or better in MA 113, MA 137, or MA 132.

Grading: Your grade in the course will be divided as follows:

Exams	80%
Homework	10%
Participation/Quizzes	10%

Your letter grade will be based on the following point system:

A:	90-100 %
B:	80-90 %
C:	70-80 %
D:	60-70 %
E:	0-60 %

Exams: There will be three exams during the semester, weighted 100 points, 150 points, and 150 points respectively. Each will be administered during class meeting times. The tentative exam dates are:

Exam I	Thursday, June 21
Exam II	Thursday, July 12
Exam III	Thursday, August 2

If you have a legitimate university conflict for the day of the exam, you must notify me at least a week in advance of the exam.

Homework: There will be homework assignments given throughout the course. The homework problems will reflect the material covered in the lectures. Most homework is to be completed on the online system WeBWorK. Your homework is graded and recorded by the system. You can access WeBWorK via the link provided in Canvas.

Your username is your Link Blue user name in ALL CAPS. Please note that the username field is case sensitive. Your password is your student ID without the leading 9 (so if your student ID is 910045678 then your password is 10045678). You should change your password upon logging into the system.

Each homework assignment will consist of some number of required problems and a few more optional problems each with weight 0 in WeBWorK. Although these extra problems are not required, I strongly encourage you to solve them, as doing math is by far the best way to learn it.

Each homework set opens well in advance of its due date. I will grant extensions on the homework only in case of emergency or other extenuating circumstance (i.e. severe health issue in yourself or family, university excused absence, etc.).

Participation/Quizzes: Class meets every weekday with the exception of official University holidays. You are expected and strongly advised to attend all class meetings. I will take attendance, and your attendance will be reflected in your Participation/Quizzes score. This course has been allotted time for group work. I expect you to come to class ready to participate. Learning math is much more productive when done in collaboration. You are expected to participate through productive group work and the discussions on Canvas. Both attendance and active participation will be reflected in your Participation/Quizzes score.

There will be regular in-class quizzes throughout the course that will address recent material. The purpose of the quizzes is twofold. They will serve as motivation for you to keep up with the lecture material and also as an indicator to me as to how comfortable you are with the current material. Feedback on quizzes will be in the form of a score from 0 – 4, and the meanings of these scores are as follows:

0. The student did not know how to begin the problem.
1. The student had part of the solution but did not know how to finish the problem.
2. The student used the appropriate strategy and process to solve the problem but made one or more significant errors.
3. The student used the appropriate strategy and process to solve the problem but made a minor error.
4. The student knew and understood what concepts to use and the solution contains no technical errors.

Solutions to quizzes will be posted on the course website. If you score a 2 or lower, you should consider making an appointment with me to discuss it.

Work Load: Understanding mathematics requires active learning. I expect you to keep on top of class material. This includes, but is not limited to, regular class attendance, active group participation in recitation, completing all assignments promptly, reviewing class material on a daily basis, and thorough preparation for exams. Since this is a summer course and a compact version of Calculus II offered during the academic year, you are expected to put in more time than perhaps you are used to. Class time consists of 9 hours per week. You are expected to spend at minimum 10-15 hours of study time on MA 114 *outside* of class.

Academic Integrity: Students are expected to abide by University policy in regards to academic integrity. You should feel free to study with friends and classmates, but any work you submit for a grade should be your own work. This applies to all exams, quizzes, and writing assignments. Academic dishonesty, in any form, will not be tolerated. No materials should be visible during exams. Any kind of communication with other students during an exam will be considered cheating and will be dealt with according to university regulations.

Disability Accommodations: If you have a documented disability that requires academic accommodations, please see me as soon as possible during office hours. In order to receive accommodations in this course, you must provide me with a Letter of Accommodation from the Disability Resource Center for coordination of campus disability services available to students with disabilities.

Personal Conduct While class is relatively informal, I ask that you exhibit common courtesy toward me and your fellow students and that you refrain from disruptive behavior. The university, college, and department has a commitment to respect the dignity of all and to value differences among members of our academic community. Students who are disrespectful, not civil, or disruptive in any way may be asked to leave the class.

In particular, phones and other electronic devices should be left off and in your bags during class time unless I have specifically asked you to have them out or you have an emergency.

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