Overview of Course: MA 114 is a second course in Calculus, covering applications of the integral, techniques of integration, convergence of sequences and series, Taylor series, parametric equations, and polar coordinates. For the summer session, the course has been allotted 5 hours of lecture per week and 4 hours of recitation per week.

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

Grading: Exam 1 100 points
Exam 2 100 points
Exam 3 150 points
Homework 100 points
Participation 25 points
Quizzes 25 points

Exams: Each of the three in-class exams will consist of a multiple-choice section and a free-response section, and each exam will be cumulative up to that point in time. The tentative exam dates are June 26, July 17, and August 6. The third exam will be longer than the previous two exams and, therefore, worth more points. If you have a legitimate university conflict for the day of the exam, please notify me at least a week before the exam. Alternate exam arrangements will be made on a case-by-case basis. I reserve the right to levy a 10-point penalty on your exam score if I’m not notified of your exam conflict at least a week before the exam.

Homework: The homework for this course consists of 12 assignments through the WeBWorK online homework system (https://courses1.webwork.maa.org/webwork2/uky-ma114/). Typically, homework is due by 11:59 PM on each Tuesday and Thursday, but you should regularly check WeBWorK for exact due dates. There are 140 problems due throughout the course, but your grade will be based on only 125 of them. In other words, the number of homework points earned toward your overall grade is the percentage of completed WeBWorK problems out of 125.
Attendance, Quizzes, and Participation: Class meets every weekday from June 11 through August 6, except for the University holiday on July 3. That being said, there will be no specific attendance grade. You have the authority to decide whether or not to attend class, and you will neither gain nor lose points directly for that choice. However, I will keep track of attendance for my personal records, and I’m far more likely to go out of my way to assist students who regularly attend class.

I expect that not only will you attend class, but that you come prepared each day to actively participate. I expect that you will have done the relevant reading and have thought about the “Preliminary Questions” at the end of each reading. We will occasionally have in-class pop quizzes that address the reading assignment and/or recent content. Your average score on these quizzes will determine how many of the 25 quiz points you will earn toward your overall grade.

This course has been allotted recitation time for discussing homework problems and working on recitation worksheets. Since the purpose of recitation is to give you additional class time to develop problem-solving skills in groups and with an instructor, your level of engagement during both lecture and recitation will determine how many of the 25 participation points you will earn toward your overall grade. Reading non-course-related materials or using your phone, computer, and/or tablet during class time will negatively impact this participation grade.

Overall Workload: Because this is a summer course and a compact version of the Calculus II that is offered during the academic year, you are expected to put in more time and work than you may be used to. The usual recommendation is that you should put in two hours of work for each hour of lecture, which equates to at least 10 hours of work on this class on your own time. I understand that you may be taking other summer courses, but that doesn’t mean that you should neglect your student obligations to this course.

Important Dates: Please mark the following on your calendar:

- Friday, June 12: Last day to add a course
- Monday, June 22: Last day to drop a course without it appearing on a student’s transcript
- Friday, June 26: Exam 1
- Friday, July 3: Academic Holiday, No Class
- Wednesday, July 15: Last day to withdraw from a course
- Friday, July 17: Exam 2
- Thursday, August 6: Exam 3

This is a tentative syllabus, and any changes will be announced in class.
Legal Information

**Excused Absences:** Make-up exams and homework extensions will be granted only for reasons defined as acceptable for excused absences by University Senate Rule 5.2.4.2, namely:

1. serious illness;
2. illness or death of family member;
3. University-related trips;
4. major religious holidays;
5. other circumstances your instructor finds to be “reasonable cause for nonattendance.”

If you anticipate any absence for a major religious holiday, let me know in writing no later than Friday, June 12. It is almost always possible to notify me of an excused absence before class. If you will be absent from class for a University-related trip or major religious holiday, you must inform me prior to the absence. If you are ill, please let me know as soon as possible; I may ask you to provide documentation to demonstrate that your absence(s) was/were excused. Students with excused absences due to illness or the death of a family member will be allowed to make up any missed work in a timely manner. These arrangements are made on a case-by-case basis.

**Documentation for illness or death of a family member must be provided within three days of returning to class.**

**Academic Integrity, Cheating, and Plagiarism:** 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, with the exception of assignments that are specifically designated as group assignments. **Academic dishonesty, in any form, will not be tolerated.** This includes, but is not limited to, copying a classmate’s work, allowing a classmate to copy your work, modifying an exam after it has been handed back in an attempt to deceive the instructor into believing the assignment was graded incorrectly, using a cell phone during an exam, copying answers from online or text sources, etc. A student found guilty of academic dishonesty will receive an automatic E on the assignment, and in some cases the offense may lead to an E for the course, academic suspension, or even expulsion. See sections 6.3.1 and 6.3.2 at [www.uky.edu/StudentAffairs/Code/part2.html](http://www.uky.edu/StudentAffairs/Code/part2.html) for more information regarding academic integrity.

**Help and Conflicts:** If you ever find yourself in need of extra course help, feel free to visit me during my office hours or contact me for an appointment; I anticipate being on campus regularly until 4 PM. In the event that you disagree with one of my decisions and feel that outside intervention is necessary to resolve the conflict, the first person to contact is the service course coordinator (Dr. David Royster; POT 759; david.royster@uky.edu). Further recourse is available through the offices of the Department Ombud and the Department Chair. Both the Ombud and the Chair can be reached from the main office in POT 719.
**Disability Accommodations:** If you have a documented disability that requires academic accommodations, please let me know as soon as possible. In order to receive accommodations in this course, I will need to see your Letter of Accommodation from the Disability Resource Center (Room 407, Multidisciplinary Sciences Building, Mr. Jake Karnes, 859-227-2754, jkarnes@email.uky.edu).

**Personal Conduct:** While class can be relatively informal, I ask that you exhibit common courtesy toward me and your fellow students and that you refrain from disruptive behavior. If I have to ask you to quiet down or to quit distracting another student, your participation grade will be negatively impacted. It is unnecessary to use an electronic device other than a calculator during class.

The university, college, and department has a commitment to respect the dignity of all and to value differences among members of our academic community. There exists the role of discussion and debate in academic discovery and the right of all to respectfully disagree from time to time. Students clearly have the right to take reasoned exception and to voice opinions contrary to those offered by the instructor and/or other students (S.R. 6.1.2). Equally, a faculty member has the right and the responsibility to ensure that all academic discourse occurs in a context characterized by respect and civility. Obviously, the accepted level of civility would not include attacks of a personal nature or statements denigrating another on the basis of race, sex, religion, sexual orientation, age, national/regional origin, or other such irrelevant factors. Students who are disrespectful, not civil, or disruptive in any way may be asked to leave the class.