

MA114 Calculus II
Sections 005, 006, 007, and 008
Spring 2013

Instructor	P. D. Hislop
Office:	753 POT 257-5637 or hislop@ms.uky.edu
Course Webpage for Sec. 005–008:	http : //www.ms.uky.edu/ ~ hislop/
Main course Webpage:	http : //www.ms.uky.edu/ ~ ma114
Teaching Assistants:	Section 005: Ms. Yucong Sang Office: 802 POT 257-6816; yucongsang@uky.edu Sections 006 & 007: Mr. Tao Huang Office: 718 POT 257-6806; tao.huang@uky.edu Section 008: Mr. Steven Sturgeon Office: 718 POT 257-6806; sturgeon@ms.uky.edu
Text:	Jon Rogawski: <i>Calculus, Early Transcendentals</i> Second Edition, W. H. Freeman and Co.
Class Meetings:	MWF 10:00–10:50 PM CP 320
Recitation:	Section 005: TR 11:00-12:15 FB 213 Section 006: TR 2:00-3:15 CB 341 Section 007: TR 8:00-9:15 CB 205 Section 008: TR 3:30-5:00 & M 3:00-4:30 Math House
Office Hours: Hislop:	MW 4-5 753 POT; F 4-5 Mathskeller; and by appointment
Ms. Sang :	M 1:00-2, T 10:00-11 in 802 POT ; R 9:30-10:30 Mathskeller
Mr. Huang :	TR 9:30-10:30 in 718 POT, W 12:00-1:00 Mathskeller
Mr. Sturgeon :	R 12:00-2:00 in 718 POT, T 12:00-1:00 Mathskeller

Grading Policy

This syllabus complements the information found on the main course webpage: [http : //www.ms.uky.edu/ ~ ma114](http://www.ms.uky.edu/~ma114).

There are 3 hour exams in the evening from 7:30–9:30 PM on 05 February, 05 March, and 09 April. The final Exam is on Wednesday, 1 May, 6:00–8:00 PM. The rooms will be listed listed on the main course syllabus.

The Grading Policy is given on the Main Course Syllabus. In sections 005, 006, 007, and 008, we will follow the grading policy on the main course syllabus with the 100 points for Web Works homework and lecture attendance divided as stated below.

The graded materials for the MA 114 course are: 3 hour exams, 1 final exam, WW homework assignments, and attendance in lecture to be taken 20 times during the semester. Graded material for MA 194 is attendance in the recitations with no more than two unexcused absences.

Item	Total Points
Three hour exams at 100 pts. each	300
Final exam	100
Web Works Homework	80
Lecture attendance	20
TOTAL	500

The minimum cut-offs for letter grades are: A 450-500; B 400-449; C 350-399; D 300-349; E below 300. If your final total is within one of these intervals you are guaranteed to receive the corresponding letter grade or higher.

Notice that the attendance in lecture is worth 4 points out of 100. This is enough to move a C to a B, etc. Attend lectures!

Course Content

The main topics of Calculus II include application of the definite integral to computing surface areas and volumes of solids, techniques of integration, numerical methods of integration, an introduction to differential equations, sequences and series, parametrically defined curves, and polar coordinates. We'll cover chapters 6-11 of Rogwaski. See the main course calendar for day-to-day details.

Web Works Homework and Work sheets

It is essential that each student work as many problems as possible. There is a list of suggested problems on the syllabus along with worksheets from previous

semesters. Work sheets and these problems will be discussed in the recitations. The graded homework component of the course will use the online system Web Works. All information about WW is available on the main course page. Each student should have received an email about how to access WW. The schedule for assignments is on the main course calendar.

MA194

In conjunction with MA114, we offer the pass/fail course MA194 for one credit hour. This course is optional. If you want to enroll, you must enroll in the same section as you are enrolled in for MA114. *To receive a pass for MA194, you must pass MA114 and have no more than 2 unexcused absences from your recitation.* If you fail MA114 or have more than 2 unexcused absences from recitation, you will fail MA194. If you withdraw from MA114, remember to also withdraw from MA194!

Office Hours and the Mathskeller

The instructor and the two TAs will hold their office hours in their offices and also in the Mathskeller, located in the basement of the Classroom Building. This is a good place to go for help anytime. The schedule of tutors is posted there. Office hours are listed at the top of the first page.

Other Rules

1. Calculators are allowed for the exams as specified on the Main Course Syllabus.
2. You are expected to take the exams as scheduled unless you have an excused absence. You must discuss this with the instructor before the exam, except in the case of a medical emergency.
3. All exams are closed book: no papers or books are allowed.
4. *Cheating in any form will not be tolerated.*

Special Dates

15 January	Last day to add a class
21 January	M. L. King, Jr. Holiday-No classes
30 January	Last date to withdraw with no grade
4 March	Midterm of Spring 2013 Semester
11–15 March	Spring Break
5 April	Last day to withdraw and receive a W grade
26 April	Last day of classes
1 May	Final Exam 6-8:00 PM place TBA