

MA114 Honors Calculus II

Sections 009 and 010

Fall 2014

Instructor	P. D. Hislop
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Course Webpage for Sec. 009–010	<i>http://www.ms.uky.edu/~hislop/</i>
Teaching Assistant:	Sections 009 and 010: Mr. George Lytle Office: 702 POT 257-6804; george.lytle@uky.edu
Text:	Jon Rogawski: <i>Calculus, Early Transcendentals</i> Second Edition, W. H. Freeman and Co.
Class Meetings:	MWF 1:00–1:50 PM CB 110
Recitation:	Section 009: TR 11:00-12:15 CB 341 Section 010: TR 12:30-1:45 CB 338 (Note the change!)
Office Hours:	
Dr. Hislop:	MW 2-3 753 POT; and by appointment
Mr. Lytle :	TR 10-10:50 AM in 702 POT; M 10-10:50 AM in the Mathskelle

Grading Policy

There are 3 hour exams in the evening from 5:00–7:00 PM on the following Tuesdays and the final exam. The schedule is:

- 1. First Exam: 23 September, 5:00–7:00 PM**
- 2. Second Exam: 21 October, 5:00–7:00 PM**
- 3. Third Exam: 18 November, 5:00–7:00 PM**
- 4. Final Exam: 16 December, 6:00-8:00 PM**

Rooms will be announced here.

Grading Policy

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

Item	Total Points
Three hour exams at 100 pts. each	300
Final exam	100
WebWorK homework	40
Written assignments	40
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 20 points out of 500. This is enough to move a C to a B, etc. Attend lectures!

MA 194, sections 009 and 010

In addition to the 4 hours of credit for MA 114, the department offers one additional hour of credit as MA 194 on a pass/fail basis. You will pass MA 194 if you have at most 3 unexcused absences during MA 114 recitations and you pass MA 114. If you fail MA 114 you will automatically fail MA 194. If you pass MA 114 but have 4 or more unexcused absences in recitations you will fail MA 194.

You are responsible for bringing the recitation worksheets to recitation. Failure to bring the worksheets may be considered as an unexcused absence in the session.

Your section number for MA 194 has to be the same as your section number for MA 114. If you drop or change sections of MA 114, please make sure to also drop or change sections of MA 194. It is your responsibility to take care of this if you change sections; otherwise you risk a failing grade for MA 194 because you are not on the proper class roll.

Course Content

Honors Calculus II will cover most of the same material as the other Calculus II sections. Please see the main MA 114 Fall 2014 web page for details on using web works, old MA 114 exams, study advice, etc. It is located at:

<http://www.ms.uky.edu/~heidegl/MA114F14/MA114F14.html>

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.

WeBWorK 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 WebWorK (WW). 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.

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

1 September	Labor Day - no classes
17 September	Last date to withdraw with no grade
20 October	Midterm of Fall 2014 Semester
7 November	Last day to withdraw and receive a W grade
26-29 November	Thanksgiving holiday - no classes
16 December	Final Exam 6:00-8:00 PM place TBA