

1. **Instructor Details:**

Instructor	Dr. Avinash <b>Sathaye</b>
Office:	703 POT (Phone 257-8832)
Office Hrs.	MWF 9:00-9:50 (Mathskeller or office) or by Appt.

2. **Course Web page:** [www.msc.uky.edu/sohum](http://www.msc.uky.edu/sohum) (Follow the link to ma213). All current announcements, lecture notes and general information about course related activities will be posted on the web page. Be sure to check it often.

3. **Recitation;**

Section	Time (TR)	Place	Instructor
0013	8:00- 8:50	CB 213	Schreffler, Morgan F <a href="mailto:morgan.schreffler@uky.edu">morgan.schreffler@uky.edu</a>
0014	9:30- 10:20	CB 215	Schreffler, Morgan F <a href="mailto:morgan.schreffler@uky.edu">morgan.schreffler@uky.edu</a>
015	12:30- 1:20	DH 325	Kaper, Eric Thomas <a href="mailto:eric.kaper@uky.edu">eric.kaper@uky.edu</a>
016	2:00- 2:50	CP 311	Kaper, Eric Thomas <a href="mailto:eric.kaper@uky.edu">eric.kaper@uky.edu</a>

**Text:** *Calculus, Early Transcendentals*, Second Edition, Jon Rogawski

*Earlier editions may be acceptable.*

We will cover Chapters 12-15 and the parts of chapters 16,17 with exact details to be decided based on available time.

This is calculus in several variables including vector geometry, motion along a curve, higher dimensional derivatives, calculus for surfaces, multiple integrals, line integrals and vector field theory.

4. **Homework:** We shall use Web based homework. Detailed information will be on the course web page. The homework is an integral part of the course and it is essential that it is done on time. There is no way to make up homework which is expired. The homework is posted even before the class discussions and you must try to finish it at the earliest opportunity. Computer and Network problems arising in the last few hours before the deadline will not create a valid excuse for missed homework.

**Homework** during an exam period **will count as 10% of the exam grade** for each exam (for final, this is 10 points out of 120).

5. **Attendance Quizzes:** I typically give a very short quiz in class which also counts as a proof of attendance. Each quiz is worth 5 points, out of which 2 points are simply for submitting a properly signed paper and the remaining 3 points are for correct work.

The total grade contribution of these quizzes is 30 points.

6. Exams: There will be **three exams**:

**at 5:00-7:00 pm on Mondays, Sep. 22, Oct. 13 and Nov. 10.**

Note that these are longer than a typical class and given at night. We will follow University regulations governing such exams.

There is also a final exam. The final exam is comprehensive and will be held according to the Registrar's schedule.

**Each evening exam (except final) will award a class holiday for one class period. The dates for these will be announced later.**

Calculators are permitted, however, any device capable of electronic communication such as a cell phone or computer must be turned off and put away out of sight during all examinations.

7. **Recitation:** Besides the three class periods, you have two recitation periods each week. Your recitation instructor will announce the recitation policy. The instructor will award a grade worth 50 points

8. **Attendance:** I expect you to attend all classes. If you have a valid excuse, you should make a point of talking to me about it as soon as possible and you should make up all missed work.

I would also like to emphasize that you should try to participate actively in the class, even though it is a large class. If you are shy about asking questions in class, send me email or come to my office. I will try to answer all questions, directly to you or to the whole class, as needed.

9. **Grade:**

- 100 points per mid semester exam: (90 for the exam and 10 based on WHS performance during the exam period).  
120 points for the final exam (110 for the exam and 10 based on WHS performance during the exam period).
- 30 points for attendance based on attendance quizzes.
- 50 points based on recitation performance as evaluated by your recitation instructor.
- The net grade will be based on a total of  $(300+120+30+50)=500$  points.  
Thus the final grade will use the scale:

500 *A* 450 *B* 400 *C* 350 *D* 300 *E*

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#### **Course Policy on Academic Accommodations due to disability:**

If you have a documented disability that requires academic accommodations, please see me as soon as possible during scheduled office hours. In order to receive accommodations in this course, you must provide me with a Letter of Accommodation from the Disability Resource Center. Check the site: <http://www.uky.edu/StudentAffairs/DisabilityResourceCenter> for further information.

#### **Course Policy on Academic integrity:**

Students may work together on homework, but should not submit solutions to WHS until they understand how to obtain the answer. All other course work on quizzes and exams must be the student's own work. Useful information about students' rights and responsibilities can be found at the following website: <http://www.uky.edu/Ombud> . You are advised to consult it as needed.