Math 3592H   Honors Calculus I — Fall 2015

COURSE INFORMATION

Lecturer:

Prof. Ben Brubaker, Vincent Hall 352, `brubaker@math.umn.edu`.
Office hours: W,TH, F, 11am-12pm (to be confirmed), or by appointment.

Teaching Assistant:

Theo Douvropoulos, Vincent Hall 555, `douvr001@umn.edu`.
Office hours: To be determined.

Required text:
Hubbard and Hubbard, *Vector Calculus, Linear Algebra, and Differential Forms*, 4th edition

Course web page: `http://math.umn.edu/~brubaker/3592H.html`

Lectures: MWF 10:10–11:00 a.m., Vincent Hall 213

Discussion Sections: T, Th 10:10–11:00 a.m., Smith Hall 121

Problem Sets: Due FRIDAYS by 5 pm in Prof. Brubaker's mailbox (first floor of Vincent Hall) or in class. The exception here are exam weeks, when a shorter weekly problem set will be due on Wednesday (Oct. 7 and Nov. 11). *NO late homework will be accepted, since solutions and graded work will be given out shortly after the due dates. We will drop the lowest problem set grade.*

Homework Rules: Collaboration on problem sets is encouraged, **but**

a) **Attempt each part of each problem yourself.** Read each portion of the problem before asking for help. If you don't understand what is being asked, ask for help interpreting the problem and then make an honest attempt to solve it.

b) **Write up each problem on your own.** You may work together, but then do the final write up of your solutions independently and **write the names of classmates with whom you consulted**.

Exams: 2 in-class 50 minute exams and one final exam. See Syllabus for dates and times.

Make-up Exams: If you must miss an exam, you may arrange to take a make-up exam in advance by emailing Theo. Otherwise, make-up exams will only be granted after the fact with a valid medical excuse.

Grading: Approximate weighting: class participation 5%, problem sets 30%, midterm exams I and II 15% and 20%, resp., and final 30%. A strong score on the final might result in a higher final grade than used with this formula, but won't make up for several missed problem sets.

Moodle: We have a Moodle page, linked in the sidebar of the above course page, but it is only going to be used as an online grade book and to send occasional email to the class. All assignments, handouts, etc. will appear on the course page.

Questions: Concerns about homework and exam grading: see Theo. Any content questions can always be asked of both of us.