

Math 114

J. Callahan

Section 01: MTWF 8

Calculus: Differential Equations and Power Series

Fall 2008

Burton 209

Office Burton 306, telephone ext. 3863

Times (tentative): M 10–11, T 9–10, W 11–12, Th 10:30–12, and by appointment

E-mail: callahan@math.smith.eduWeb page: <http://www.math.smith.edu/~callahan/>**Please note that this course does not use Moodle; all online course information is found on the Web page above.****Text** The required text for the course is *Calculus in Context*. It is available to **download free online** from a link on my Web page. There are also some hard copies of the text in the College Bookstore.**Homework** There are daily homework assignments, due the next class day. I invite you to do homeworks with a group and submit a single paper for the whole group. Corrected homework will be returned the following class day. You can resubmit assignments until they are completely correct. This option applies only to assignments that are initially submitted on time, though. As assignments are made, they will be listed on the Web page given above.**Computers** The computer is an essential tool. We will use it in the classroom as the need arises, and you will frequently use it on homeworks. The course will provide you with all the necessary training. We do not assume you have any prior experience with computers. You are not required to have a calculator, but are welcome to use one.**Open hours** The computer classrooms will be open afternoons and evenings, and student assistants will be available in the Math/Stat Forum (Burton third floor) to help you with math and computing problems. They will be available Sunday through Thursday, 7–9 pm.**Tests** There will be three “open-book” take-home tests that you will have for one week. There will also be two “closed-book” tests given in class. Here is the schedule:

Take-home	In-class
1–8 Oct	8 Oct
5–12 Nov	12 Nov
10–19 Dec	

You will do all tests independently, without collaborating with anyone. There is no final exam besides the take-home test in December.

Grades Your grade for the course will be based on the homeworks and the five tests. There are a total of 17 units. Each in-class test is 1 unit; each take-home test is 4 units; the homeworks are 3 units.