Math 1110 Spring 2015
Calculus I

MWF 8:00-8:50AM Malott 203

Instructor:	Evan Randles
Email:	edr62@cornell.edu
Course Website:	http://www.math.cornell.edu/ web1110/
Personal Website:	https://people.cam.cornell.edu/edr62/
Office:	657 Frank H.T. Rhodes Hall
Office hours:	W 12:00-2:00PM

Course Description: Calculus is the mathematical study of quantities that change continuously. Math leading up to calculus deals mostly with discrete procedures and elementary geometry. When you've made it through this course you will have the language to express variable relationships between quantities (such as position and time) and the tools to do computations on these relationships. You will deal with infinity and infinitesimal quantities. This course will prepare you for much of the language of classical physics, economics, and chemistry, and will give a foundation for further study in multivariate calculus and differential equations.

Course Czar:	Andrew Marshall (alm255@cornell.edu)
Czar Assistant:	Lucien Clavier (lpc49@cornell.edu)

Text: *Thomas' Calculus (Early Transcendentals) Single Variable*, 13$^{\text{th}}$ Edition

Exams:
There will be three prelims and a final exam. All prelims will be held at 7:30PM in Baker Labs 200. The location and final is TBD.

Prelim 1:	February 19th
Prelim 2:	March 24th
Prelim 3:	April 28th
Final exam:	TBD

Grade Distribution:

Participation in lecture	5%
Quizzes	5%
Homework	10%
Prelim 1	15%
Prelim 2	20%
Prelim 3	20%
Final Exam	25%

Course Policies:

- **Homework:** Homework is assigned weekly and is due at the beginning of class on Friday.

The weekly assignments are listed on the course website. You are welcome to work together, but what you write up and hand in needs to be your own. Homework needs to be neat. Remember math work is communication not just answers. Each homework is graded out of 20 points. The two lowest homework scores you receive will be dropped.

- **Quizzes:** You will have weekly quizzes each Friday during the first 10-15 minutes of class. The quizzes are given to monitor your understanding of homework material, and to give you feedback on your work. These will not be difficult. A thorough understanding of the homework should guarantee success on quizzes.

- **Grades:** Exam grades are not strictly curved. For example, it is possible for the class to make entirely As and Cs. However, cut-offs for particular grades will be based on students performance in addition to instructors expectations.

- **Participation:** Attendance is your responsibility as is asking questions and responding to questions posed by the instructor. If you are shy, just be sure your instructor knows who you are. Come to a few office hours with a few questions.

- **Support and extra help:**

  - There is an academic support course, called Math 1011, associated with this course. It is taught by Mark Jauquet and meets Wednesday evenings (at both 4:30pm-6pm, and 7:30pm-9pm). Math 1011 can be taken for credit (1 unit) or you can simply show up to any given session.
  - Course assistants (CA) will lead homework study groups on Wednesday evenings in Malott 406 from 6PM-10:30PM, and Thursday evenings in Balch 3330 from 6PM - 10:30PM, beginning on January 28th.
  - There are also tutors available for free in the Math Support Center, located in Malott on the 2nd floor just in from the Tower Road entrance.

- **Use of Calculators:** You do not need a graphing calculator for this course, and none are permitted on the exams.

- **Academic Integrity:** Each student in this course is expected to abide by the Cornell University Code of Academic Integrity. Any work submitted by a student in this course for academic credit will be the student's own work.