

Spring 2017

MTH 1: Calculus I
General Course Information

Chabot College

► **Description:** Elements of analytic geometry, derivatives, limits and continuity, differentiation of algebraic and trigonometric functions, the definite integral.

► **Instructor:** MR. MING HO

<http://www.chabotcollege.edu/faculty/mho>

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If you call my office and do not reach me, please send me an e-mail instead of leaving a voice mail.

► **Meeting Time:** *Sec. 2* CRN 30598: **MW** 10:30am–12:45pm, Room 1811
 Sec. 3 CRN 31383: **MW** 1:30pm– 3:45pm, Room 1811

First Day To-Do

- 1) Go to my website listed above. (If you lose this paper, you can always go to the Chabot website at <http://www.chabotcollege.edu/>. Near top right, go to Find People. Search my first name “Ming” to bring up my directory entry. From there, you will be able to locate my web page.)
 - a) Follow the link for MTH 1 to get to the course homepage for this course.
 - b) Bookmark this page on your computer.
 - c) Read the links near the top, including Course Information and Required Material.
 - i) Find Mr. Ho’s office hours.
 - ii) Find and put the final exam date and time in your own calendar, and check for conflicts.
 - d) Go to 01/18 under Daily Lessons. Follow instructions to register in MyMathLab. There is a 14 day temporary access code available, so everyone needs to sign up now even if you can’t pay immediately.
- 2) On your home computer, sign in at <http://www.pearsonmylabandmastering.com> to get to Course Home. At 01/18 of Daily Lessons in the course homepage that you reached in Step 1a above, you will see a link to screen captures illustrating the directions in this handout. Click on it to follow along as you read this handout.
 - a) Scroll down to the section *Welcome to MyMathLab*
 - i) Run browser check to make sure you can view course materials.
 - ii) If you have not used MyMathLab before, view How to Enter Answers so you can do your online work.
 - b) Ignore anything in MyMathLab that refers to Study Plan, other than doing problems for your own practice.
 - c) In the left sidebar, click on Chapter Contents.
 - i) If you haven’t used MyMathLab before, work through orientation questions
 - ii) Make sure you read the section eBook Access to set up your computer to read the eBook.
 - iii) Notice that you have access to the *Student’s Solution Manual* and to a *TI Graphing Calculator Manual*. You may use a TI graphing calculator on most exams if you have one, though it is not required; however, you still need to write your solution as if you only have a scientific calculator. You are responsible for learning how to use the TI on your own, since I use Desmos on the computer in class for its ease of use.
 - d) Click on Chapter 1 under Chapter Contents. You can find the Chapter Opener, the Chapter Review Exercises, and answers to odd exercises without seeing the solution.

- e) Click on Section 1.1, and view the Interactive eBook. You will download the Mathematica Notebook file for Section 1.1. If you install Wolfram CDF Player in Step 2.c.ii above correctly, you will be able to read it.
- 3) Getting around the Interactive eBook. Note the following for Section 1.1.
- a) Near the top is a button that says Section 1.1. Clicking on it gives a list that allows you to jump to different parts of Section 1.1.
 - b) Clicking on the down marker next to a heading reveals the content under that heading. A up marker hides the content of that heading. Reveal content of the heading *Functions*.
 - c) Clicking on Note icon reveals the notes at the margin of the printed text.
 - d) Quick Checks are questions in the text that check your understanding. You should do them as you read, and click on the check icon to check your answer.
 - e) You can adjust the size of the font at the bottom right-hand corner of CDF Player.
 - f) The Quick Quiz is an additional feature of the eBook not available in the printed text. It gives you quick questions to check your understanding after reading the section.
- 4) Do the assignment in the *Problem Solving Review from Precalculus* handout at 01/18 of Daily Lessons on course homepage. PDF files are available there if you lose the handout.
- 5) Do the homework listed under 01/18 of Daily Lessons