

M125, Calculus I

Homework Assignments to Exam I

GENERAL NOTE: The appendices provide a very good review of basic pre-calculus and trigonometry. If you need help, start there. There are also texts available in the library (search for “Just in Time Algebra and Trigonometry”).

Please be sure you read each section carefully and annotate any questions you have. Stop by my office hours if you still have questions after we’ve looked at the material in class.

DATE	Homework
Sep 02	No class
Sep 04	Review Set 1 (See handout)
Sep 06	Review Set 2 (See handout) Quiz 1 handed out today (Due Monday)
Sep 09	Quiz 1 Due at the beginning of class today Sect 2.1: 1,3; Sect 2.2: 1,3,5,6,9
Sep 11	Sect 2.3: 1,2,5,8,11,17,27,33,39,41,54,55
Sep 13	Sect 2.5: 1,3,5,11,15,19,23,27,33,39,41,44,46
Sep 16	Sect 2.5, continued.
Sep 18	Sect 2.6: 3,7,11,15,17,19,32,37,49,52
Sep 20	Sect 2.7: 1,3,5(a,b),11(a,b),15,21
Sep 23	Sect 2.8: 1-11 odd, 12, 16, 17, 23, 27, 29, 37-40, 43, 45 Extra: 56, 57
Sep 18	Review/Catch up
Sep 20	Exam 1

This first portion of the course serves as a short review, followed by the concepts of the limit, computation of the limit, continuity, and infinite limits. Lastly, we introduce the notion of a *derivative* as a number representing a rate of change, and the derivative as a *function*.