

Assignments for Math 125 for Spring 2026

(assignments are due on the date listed)

for Wednesday, January 21

1. Read the syllabus (available online) very carefully; this may take 20 minutes.
2. Read the preface of the textbook (titled *Calculus Concentrate* and available online).
3. Skim the first few sections of Chapter 1 to get a sense for its style. Also make note of the appendix which includes some useful algebra/geometry formulas as well as (brief) solutions to the exercises.

for Friday, January 23

1. Reread the syllabus if necessary, paying particular attention to the expectations for writing solutions to problems that are to be collected for grading.
2. Read Section 1.1 carefully. [<https://youtu.be/W0uVvxPNW4c> 35 minutes]
3. Do exercises 1, 2, 3, 4, 5, and 7 in Section 1.1. Note that a few of these problems fit into the category ‘nonroutine’ as discussed in the syllabus.
4. Turn in solutions for homework assignment 1. Remember to record a more polished solution on the homework page handout.
5. Spend 5–10 minutes looking over Section 1.2 of the textbook.

for Monday, January 26

1. Read Section 1.2 carefully. [<https://youtu.be/fdPJdWQBvxc> 44 minutes]
2. Do exercises 4, 5, 6, 8, 9, 11, 12, and 15 in Section 1.2.
3. Turn in solutions for homework assignment 2. Remember to record a more polished solution on the homework page handout.
4. Spend 5–10 minutes looking over Section 1.3 of the textbook.

for Wednesday, January 28

1. Read Section 1.3 carefully. [https://youtu.be/F_joYztPoYk 44 minutes]
2. Do exercises 1, 2, 4, 6, and 7 in Section 1.3.
3. Turn in solutions for homework assignment 3. Remember to record a more polished solution on the homework page handout.
4. Spend 5–10 minutes looking over Section 1.4 of the textbook.

for Friday, January 30

1. Read Section 1.4 carefully. [<https://youtu.be/2VkYyYCYCRo> 34 minutes]
2. Do exercises 1, 3, 4, 5, 6, and 7 in Section 1.4.
3. Turn in solutions for homework assignment 4. Remember to record a more polished solution on the homework page handout.
4. Spend 5–10 minutes looking over Section 1.5 of the textbook.