






MATH 154 - CALCULUS, EXAM PREPARATION SHEET

For an efficient preparation for the first midterm exam:

-  **Make use of available resources.** Attend your Professor's office hours. Do not feel as though you are infringing on your Professor's time by attending office hours, it is part of their job description.
-  **Read your Calculus book.** Read the sections covered in syllabus. This will reduce your dependence on class notes, which can often get in the way of listening and actively learning.
-  **Rework the homework problems out of sequence.** Look in the textbook or ask your Professor for supplemental problems.
-  **Work for a deeper understanding of Calculus.** Topics will now be presented from visual, symbolic, numeric and linguistic perspectives. It is important to master these perspectives, and their relationship to one another.
-  **Try to solve the following questions:**

Section 12-1: 1, 3, 5, 6, 7, 10, 20, 22, 24

Section 12-2: 3, 4, 6, 7, 9-15

Section 12.3: 1, 2, 3, 4, 5, 6, 7, 8, 11, 16, 19, 23

Section 12.7: 1, 2, 5, 11, 13, 17

Section 13.1: 1-7, 9, 11, 12, 13, 19, 20, 22, 26

Section 13.2: 1-7, 9, 10

Section 13.3: 1, 2, 3, 4, 6, 9

Section 14.2: 1, 2, 3, 4, 5, 7, 8, 9, 10