






## ***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 7.9:**      2, 4, 7, 8, 9, 10, 11, 13, 16, 19, 20, 22, 24

**Section 14.4:**      4, 6, 9, 10, 11, 12, 13, 19, 20, 21, 24

**Section 14.5:**      1, 2, 4, 5, 8, 10, 11

**Section 14.6:**      1, 2, 3, 4, 6, 10, 11, 12, 13, 14, 15

**Section 17.1:**      1-11

**Section 17.2:**      1, 2, 3, 4, 5, 6, 7, 11, 12, 13, 14, 15, 16