






## ***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:**

<u>Section 7-1:</u>	1-12
<u>Section 7-3:</u>	3, 4, 6, 9, 10, 11, 14, 21, 23
<u>Section 9.1:</u>	1-12, 14-24, 30
<u>Section 9.2:</u>	1-18
<u>Section 9.3:</u>	1-7, 9, 11, 13-17, 20-26, 38, 39
<u>Section 9.4:</u>	1-12, 18-20, 22-24
<u>Section 9.5:</u>	1-20
<u>Section 9.6:</u>	1-26
<u>Section 9.7:</u>	3-14, 15-25

