

1 Time and place: In class, in class time, 2/14/2020

2 Chapters and topics included:

Midterm exam 1 will cover the chapters 2.1, 2.2, 2.3, 2.4, 2.5 from the book, The material of the last class (Tuesday 2/11) will be INCLUDED. More precisely,

1. Areas between curves,
2. Determining Volumes by slicing
3. Arc length and surface area,
4. Other physical applications, as much as covered.

You are also responsible for the content of ALL homeworks, quizzes and worksheets. You are responsible all the materials covered in the lecture notes, directly or indirectly. First list above includes what you are responsible for DIRECTLY and the second list below includes topics which are not going to be asked directly but you will come across them in the solutions:

3 You are expected to:

1. be capable of using simple integration techniques to calculate integrals,
2. Be able to draw graphs of first and second degree functions, (lines, parabolas, etc.)
3. be able to find intersection points in graphs, and draw regions,
4. be able to distinguish concepts of area, volume and length.

4 Study Tips:

1. Go over the lecture notes, re-solve the problems YOURSELF.
2. If you are lacking background knowledge, go back to the relevant chapters of the book.
3. Read careful the feedback from quizzes and make sure you understand your mistakes, if you made any,
4. Look at online homework problems, go over them. Especially the ones you missed.
5. Come to review session on Thursday and solve the practice problems on webassign!

If you need help, I have office hours TR 17 : 00 – 18 : 00, UH 3016.
There is also a math tutoring center in the library: [CLICK HERE](#) link for the tutoring center