Tackling Your Math Class

BEFORE CLASS

• BE COMFORTABLE WITH PREVIOUS MATERIAL
  o Address concerns A.S.A.P.
  o Continually PRACTICE previous skills

• READ YOUR TEXT

  STEP 1: SURVEY
  o Look for key concepts, terminology, diagrams, and equations.
    (Often these are headings, italicized words, or highlighted in boxes.)
  o Make a note of new symbols used.

  STEP 2: QUESTION
  o Identify the types of questions you will be expected to solve or that you
    want answered. (Skim through the examples shown and the problems at the end of
    the section/chapter.)

  STEP 3: READ
  o Actually READ the text
  o WORK THROUGH some sample problems

  STEP 4: RECITE
  o TALK through what you learned
  o Explain how to solve the sample problems

  STEP 5: PREPARE QUESTIONS
  o Generate a list of questions you want answered in class.

DURING CLASS

• BE ATTENTIVE AND ENGAGED
  o Sit upfront
  o Predict what will happen next
  o Ask questions!!!

• USE THE 3-COLUMN NOTE FORMAT

<table>
<thead>
<tr>
<th>Key Words</th>
<th>Examples/Equations</th>
<th>Explanation/Rules</th>
</tr>
</thead>
<tbody>
<tr>
<td>Distributive</td>
<td>$2(x + 4) = 17$</td>
<td>multiplied 2 by both terms in parentheses</td>
</tr>
<tr>
<td>Property</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Area of a circle</td>
<td>$A = \pi r^2$</td>
<td>Area = pi times the radius squared</td>
</tr>
</tbody>
</table>

First and Second Year Advising
Suite 260, Sullivan Center
773-508-7714
AFTER CLASS

• REREAD THE TEXT
  o Reread the section as soon as possible after class
  o Readdress previously confusing material
  o Rework sample problems & TALK through the steps that must be taken

• DO ALL OF THE HOMEWORK + MORE
  o Complete all assignments in a timely manner
  o Do extra practice problems as needed

• FORM SMALL STUDY GROUPS
  o No more than 4 students

• ADDRESS CONCERNS A.S.A.P.
  o Classmates & Friends
  o Professor and/or Teaching Assistant’s office hours (or by appointment)
  o Alternate text books or websites
  o Tutoring Center (2nd Floor Sullivan Center, 773-508-7708)
  o First & Second Year Advising (2nd Floor Sullivan Center, 773-508-7714)