

Success in Calculus Tips

1. Go to class. Go to drill.
2. Pay attention and participate.
3. Know that if you want a specific grade in the course, this needs to be your driving motivation from day one, not week 15.
4. Pre-read the section(s) in the textbook that will be covered in the next lecture; it's okay if you don't understand it fully, but it will prep you for when it is presented
5. Do ALL the homework; practice until you can do it without the solutions manual.
6. Read through lecture notes and work on assigned homework the day OF that class, not later.
7. Do not use the solution manual immediately; try to work the problem without it first, and then as needed, look at just two lines at a time and try to continue the problem from there without looking at the solution. After each problem is complete, try to rework the solution without the manual.
8. Go to Professor/TA Office Hours when you do not understand a concept or technique- this is an underused valuable resource!
9. Study and practice the problems daily.
10. Organize your notes.
11. Use Class+ tutoring and the MRTC.
12. Be honest with yourself about what you understand clearly and what you need to work on.
13. Find a study partner(s) and meet with on a regular basis outside of class. Communicating and explaining concepts to one another is important to testing your own knowledge, and you can do that by working with and helping your peers.
14. Take notes.
15. Complete your homework on time; do not get behind!
16. Use the study guides and practice exam questions.
17. Don't rely on success in high school calculus to save you in college calculus.
18. Remember that tests comprise 75% of your grade; start studying early.
19. Small things like quizzes and homework can have a major impact on grades- working diligently on quizzes and MyLabsPlus pays off.
20. Plan for your semester, not just for today.

The way to succeed in Calculus is to do the reading and problems. If you can't do the problems in the homework, you won't be able to the problems on the test. If you put in the hours learning how to do the problems, the exams won't cause you problems.

Where to seek Calculus help:

- Mathematic Resource and Teaching Center (MRTC) in CHMP 326
- Class+ in GREG 8a
- Your professor's office