

Tips for success in Bio 111:

Succeeding in Bio 111 will require a substantial effort on your part. The keys to success are:

My tips:

- (1) Come to lecture every time. More so than many courses you have taken, the course is primarily based on lecture, not the book. The readings are designed as background and to help you understand what you didn't get in lecture. Other peoples' lecture notes are better than nothing, but there is no substitute for attending lecture.
- (2) Come to lab prepared. The TAs will assume that you have read the lab manual and/or looked over the practice problems.
- (3) Participate in lab discussions. Lab is designed to have you practice with the material from lecture. Lab sections are designed to allow your questions to be answered; be sure to take advantage of this opportunity.
- (4) Do the practice problems and write out your answers before looking at the solutions. The hardest part of problem-solving is the start and if you look at the solutions, you will never get the practice starting that you will need for the exams.
- (5) Connect with your TA and the tutors early. They are there to help you; don't wait until it's too late.

Tips from past Bio 111 Students

- (1) "Go to lecture! Go to lab! Pay attention!"
- (2) "Read questions on exams VERY CAREFULLY!"; "Really explain yourself on exams."
- (3) "Be prepared to solve questions, not just learn facts. Pay a lot of attention because when it comes to exams you'll need to know everything (hard exams)."
- (4) "Keep up in lecture, review your notes, and do all the practice problems in the lab manual. They are really helpful."
- (5) "Go to every lecture. Make good use of Lab TA for information and questions on problem solving." "Don't fall behind. Get a tutor."
- (6) "Chill out and don't stress. It's not as hard as you might think. If you keep up with the work, you'll be fine. Do the practice problems (that's what the exams are about)."
- (7) "Use all the tools you have at your fingertips ie: lecture notes, extra question problem sets, the text, Brian's extra explanations to complex ideas (the handouts). All together, they provide you with everything you need for success."
- (8) "Best prep: read labs, lecture material prior to class. This aids in comprehension and allows you to ask informed, useful, questions in class."
- (9) "Don't neglect the textbook. It isn't emphasized but helps fill in the gaps for non-science folks like me."
- (10) "You must be absolutely certain that you want to take Biology 111 because it's hard! It requires a lot from you. You can't afford to "goof off" in this class; everything taught in lecture and lab counts."

Studying For Bio 111 One successful strategy is to read the introduction to APAIB; it gives a productive way to use that book. You should read over the sections in Campbell; *don't try to*

memorize it all, just get a sense of what's there and what it says. Then, start working through the assigned problems in APAIB and use Campbell *as a reference* when you work through the problems in APAIB.

Lecture notes from Bio 111 Fall 1999 are available in Quinn Reprographics (Quinn LL-024).

DANGER please read these notes and warnings before buying them.

Notes:

1. They are intended for people who have trouble keeping up with me in lecture; you can make notes on these pages if you like.
2. These are the notes I used in lecture in Bio 111 Fall 1999 with a few updates.
3. They are just what I wrote on the board, nothing more.
4. I have not edited these – they may contain errors.

Warnings:

1. These are not a substitute for lecture! There is much more to lecture than what I write on the board.
2. This year's lectures will be similar but not identical to these. You should be sure to look at what I write on the board carefully.
3. They may contain errors. You should go by what I write on the board this year & what you find in the book.