

Checklist for success in any new, challenging mathematics course.

Ordered top to bottom by decreasing effectiveness and increasing necessity.

(I.e. you can't expect to succeed without the book and attendance, but tutoring others is the ultimate way to learn.)

Effective: moves
you towards an A!

Estimated hours per week
total 20 *

Tutor and assist other students in working homework and additional problems.

2

Work extra problems, beyond the assigned homework.

2

Redo each quiz/hw/test problem without looking at solution or at notes.

2

Copy your notes over, condensing them where possible. (Notecards, outlines!)

1

Attend tutoring lab for help on any problem you can't work without notes.

2

Attend professor's office hours for similar help.

1

Ask questions in class about problems you have not fully understood.

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Ask for help from other students, work problems together.

2

Attempt each HW problem: first without, then with solution, notes and book.

3

Take careful notes (either in class or from book, but the former is more efficient.)

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Come to every class. Skim or read the chapters ahead of time.

5

Buy or borrow the book, find the websites.

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Necessary: you
can't get started
without it.

* Note: 120 hrs of activity per week allows ~ 7 hrs sleep per day

