

Text: *Fundamentals of College Algebra*, by Swokowski and Cole, 11th Edition

mcw

Material Covered:

Sections 4.6, 6.5-6.10, and 7.4 are to be omitted.

Sections 1.1, 1.2, 1.3, 1.4, 2.1, and 2.2 should be reviewed only. (prerequisite knowledge)

Sections 4.5, 6.4, 7.6, 7.7, 7.8 and chapter 8 are covered as time allows.

Section 7.6 and 7.7 are given priority of the non-essential topics.

Spend **at most** 150 minutes reviewing sections 1.1-1.4, 2.1 and 2.2, concentrating on 2.2.

Grading policies: You may or may not collect homework. If you do collect homework you can elect to not allow any late homework, if you clearly indicate this on your syllabus.

If you give quizzes you may elect to drop a number. Again this is fine as long as it is clearly indicated on the syllabus.

You may wish to give more than three exams, just be careful not to over-assess by giving too many exams. For example, **one exam per chapter is too many**. Also, please try not to give an exam the last week of classes. The last week should be reserved for treatment of sections 7.6 and 7.7 and/or review.

Homework and quizzes should account for **at most 20%** of the total grade. It is recommended that the final should account for **at least 30%** of the total grade. 25% is minimal for the weight of the final on the overall grade, whereas 40% is maximal. In-class exam weights should be equal. A common scheme is HW and quizzes 10% three in-class exams 20% each, final at 30%.

You may or may not wish to have an explicit policy on cheating included in your syllabus.

TIPS:

Try to plan at least a chapter ahead.

Try to stick to the ordering of the material in the text.

Some sections (3.1, 5.2) will require less than 50 minutes. Some will require more (2.6, 2.7, 4.4, 5.4, 5.5). Don't let class out early when you come across a short section. Instead you should try to get a good start on the next section.

If you start to get behind, talk to someone as soon as possible to see if they can help figure out how to get you back on track.

Be careful assigning homework exercises.

There are more exercises than necessary.

There are exercises specifically designed for use with a graphing calculator. If you don't want students expecting you to teach them how to use their calculators, you shouldn't assign these exercises.

Exercises assigned should have some purpose. Be mindful of unnecessary repetition.

Ditto for covering examples from the text.

If you have trouble with topics, pedagogy, planning, difficult students, etc. ask someone to help. You may feel more comfortable talking with another GTA, or your favorite professor, but you may always ask the associate chair, Dr. Joel Iiams.

Approximate MWF Schedule

August	W 23 1.1, 1.2 F 25 1.3, 1.4	October	M 16 4.5 W 17 Review F 20 Exam 2
	M 28 2.1, 2.2 W 30 2.3		M 23 5.1 W 25 5.2 F 27 5.3
September	F 1 2.4		M 30 5.4
	M 4 Labor Day W 6 2.5 F 8 2.6, 2.7	November	W 1 5.4, 5.5 F 3 5.5, 5.6
	M 11 2.7 W 13 3.1, 3.2 F 15 3.2		M 6 6.1 W 8 6.2 F 10 Verteran's Day
	M 18 3.3 W 20 Review F 22 Exam 1		M 13 6.3 W 15 Review F 17 Exam 3
	M 25 3.4 W 27 3.4, 3.5 F 29 3.5		M 20 7.1 W 22 7.2 F 24 Thanksgiving
	M 2 3.6 W 4 3.7 F 6 4.1		M 27 7.3 W 29 7.5
	M 9 4.1, 4.2 W 11 4.2, 4.3 F 13 4.4	December	F 1 7.6
			M 4 7.7 W 6 Review