

To Math 101 and 52 instructors:

Notice: Beginning Fall 2017, Math 50 is designated Math 101. The algebra sequence is now Math 111, 101, 52, and 20. There is some reorganization of the material among Math 111, 101, and 52.

- Department website: <<http://ms.yccd.edu/math>>.
- To find any course outline, go to CurricUNET: <<http://yccd.curricunet.com>> or to the Department website.

Please look at the course outlines, for they are the principal guides for the courses.

- Please observe the following when you prepare your syllabuses.
 - Include the Course Objectives (CO) and the Course Student Learning Outcomes (SLO).
 - * CO: go to CurricUNET.
 - * SLO: go to <<https://ms.yccd.edu/course-slos>> or tracdat: <<https://yccd.tracdat.com>>.
 - Please file a copy of your syllabus with the division office.
 - If you need a textbook or other instructor resources, please contact asap
- Wdln: Matt Clark <mclark@yccd.edu>
Yuba: Kristi Page <kpage@yccd.edu>.

Also, the Department website is a good resource for you and your students.

- Previous common final exams for you and your students are available at <<http://ms.yccd.edu/downloads.aspx#samplefinals>>.

These exams provide an example of the types of problems the students may expect and give an indication of the length of the exam. *Only these Math-Stats Department final exams may be distributed to the students.* However, an instructor may write his own review test or sample test.

- If you are going to allow your students to use scratch paper, you should provide the scratch paper and collect it.
 - No formula sheet will be provided for either Math 101 or Math 52 final exam, nor are students permitted to bring in their own formula sheets or cards.
 - The use of a cell phone, iPod, iPad, or other similar device on the final even as a calculator is not permitted.
 - You should ensure that all of the topics listed below are covered and you should hold your students responsible for the material regardless of whether the topics are on the final exam.
- Usual course grading scheme (%):
A: 90–100 B: 80–89 C: 70–79 D: 60–69 F: 0–59
 - The final exam shall account for at least 25% of the grade.
 - No more than 20% of the course grade may be derived from multiple-choice questions (including online homework).

If you have any questions, please contact

Wdln: Lewis Felver <lfelver@yccd.edu> or Yuba: Mukta Sharma <msharma@yccd.edu>.

The order in which the sections are listed below is one order in which the topics may be covered. You may choose to present the topics in a different order as long as all the required material are covered.

- A listing to cover “briefly” indicates that this material is considered to be review material and the concepts presented may be needed on the district-wide final.
- A listing to cover “thoroughly” indicates that this material is considered to be new concepts that may be covered on the final.
- A listing of “optional” recognizes that it would be nice to have the time to include this material in the course. However, given the time available for teaching the course and the amount of material that must be covered, it would not be appropriate to require any more material.
- Historically, some instructors have chosen to include none of the optional material, others have chosen to include some sections that they believe should be required, and others have chosen to include all the optional sections. The choice is yours.
- Scientific calculator use is permitted and the course outline stipulates the Texas Instruments TI-30X IIS or equivalent. The use of a cell phone or other communication device on a test even as a calculator is not permitted.

Textbook:

Elayn Martin-Gay, *Beginning & Intermediate Algebra*, 6th edition, Pearson (2017).

Math 101

Briefly: Chapter 1: 1.2–1.8

Thoroughly: Chapter 2: All
Chapter 9: 9.1, 9.2
Chapter 3: All
Chapter 8: 8.1–8.2
Chapter 4: 4.1–4.3, 4.5*
Chapter 9: 9.4
Chapter 5: 5.1–5.6

Optional: Chapter 5: 5.7
Chapter 9: 9.3

*In Section 4.5, some of the problems use methods of **Section 4.4** which we do not cover in Math 101.

Math 52

Thoroughly: Chapter 6: All
Chapter 7: All
Chapter 10: All
Chapter 11: All
Chapter 8: Sections 8.4
Chapter 12: All
Chapter 13: Sections 13.1, 13.3

Optional: Chapter 4: 4.4
Chapter 8: 8.3
Chapter 13: 13.2–13.4

Note: The material in Chapter 13 follows Chapter 11 more naturally than it does Chapter 12. Section 4.4 is probably best done right before 13.3 and may be best preceded by a review of 4.1–4.3.