

San José State University

Math-1003b  
Intensive Learning Mathematics II  
Spring-2017

Section 01: MTWR 8:00am–8:50am

Section 02: MTWR 9:00am–9:50am

Duncan Hall 303

**Instructor:** Jeffery Cavallaro ([jeffery.cavallaro@sjsu.edu](mailto:jeffery.cavallaro@sjsu.edu))

**Office:** Duncan Hall 209 (the TA room)

**Office Hours:** MW 2:00-3:30pm (or by appointment)

**Text:** *Beginning and Intermediate Algebra*, Miller, O'Neill, and Hyde, **4th edition**. Hardcopy and/or ebook is fine (your preference); however, we will be using the book in class, so if you opt for the ebook only, make sure that you have a device on which you can read it in class.

**Web:** We will use both canvas and ConnectMath. All class communications, including written homework assignments and grades, are via canvas ([sjsu.instructure.com](https://sjsu.instructure.com)). ConnectMath ([connectmath.com](https://connectmath.com)) will be used for a portion of the homework (see below). Once you are registered for the course you should be able to see the course listed on your canvas account. Each student must purchase a ConnectMath license. The necessary ConnectMath class code is posted in a canvas announcement and will be announced on the first day of class. Once you register your license, you will need this class code to access the class.

**Calculator:** You should have a scientific calculator, although calculator use in this course is minimal (and generally discouraged). *No other graphing calculators, cell phones, tablets, or computers are allowed in lieu of a scientific calculator.*

**Learning Objectives.** This is the second course in a two semester sequence of courses designed to review topics from elementary and intermediate algebra. This semester, we will focus on rational expressions and equations, relations and functions, inequalities, radicals and rational exponents, and quadratic equations. This corresponds to chapters 7–11 in the text.

**Prerequisites.** A grade of CR in Math-1003a.

**Attendance:** I will not take attendance after the first week; however, it is important that you come (on time) to every class. The book has more information than we could possibly cover, so I will highlight in class what is important. Bring your book and calculator to every class meeting. If you miss a class, it is your responsibility to talk to your peers and find out what you missed.

**Time:** You will need to spend a *minimum* of 10 hours per week outside of class doing homework and studying. This class is *very* intensive and will require disciplined study habits. Please, please, please do *not* register for 16 units and/or commit to a 20+ hours per week job; if you do then your chances of passing this class drop exponentially!

**Holidays.** Class will not meet during Spring break (3/27-3/30).

**Reading:** Reading from the textbook will be assigned each Thursday for the material to be covered in the coming week. Please read everything, not just the stuff in the boxes, prior to lecture. Make sure that you can work all of the example problems prior to attempting any of the homework problems.

**Web Homework:** The web-based homework will be submitted via ConnectMath. ConnectMath requires that you format your answers with math symbols using their answer tool. Don't get frustrated! It may take a couple times for you to get the hang of it; it will get easier the more you use it. The problems assigned on ConnectMath are problems from the book; however, the software may change some of the values involved. ConnectMath homework for each chapter will be due at midnight prior to the corresponding chapter exam. There are no extensions, so please do not fall behind.

**Written Homework:** In addition to the web-based homework, you will be required to turn in a small set of written homework problems that I will assign approximately each week via canvas. Whereas the web-based problems are typically based on single concepts, the written homework will combine concepts and will need a little more thought. Homework will be assigned each week on Monday and is due on the following Monday at the start of class. Late homework will not be accepted; however, I will only count your top ten homework scores. See *Homework Rules* for more information.

**Exams:** There will be four exams in addition to the final exam. The *tentative* exam schedule is as follows:

Exam 1	Chapters 7 and 8	Thursday, 3/2
Exam 2	Chapter 9	Thursday, 3/23
Exam 3	Chapter 10	Thursday, 4/20
Exam 4	Chapter 11	Thursday, 5/11

Prior to an exam, I will post an announcement on canvas telling you exactly what to expect on the exam. All exams are closed book and notes. A calculator (as described above) is allowed; however, any answers without supporting work or containing decimal values not explicitly asked for receive zero credit. Instead of a note card, I will provide helpful formulas on the test either by listing them or asking you to identify them.

**Final.** The final exam is cumulative and is scheduled for **Saturday, 5/20, 9:45am–noon**. All sections of Math-1003b are taking the same final at the same time, and the exam *must* be taken at that time. Any and all excuses must be discussed directly with the math office (MH-308). Travel arrangements are not a valid excuse, so don't plan to leave town prior to noon on 5/20. The final exam follows the same rules as the other exams.

**Grading.** Your semester grade is determined as follows:

ConnectMath Homework	25%
Written Homework	25%
Chapter Exams	25%
Final Exam	25%

CR (pass)	70–100
NC (fail)	0–69

**Credit:** This is a pass/fail class. It does not count toward your degree; however, you *must* pass this class in order to move on and take a math course that does fulfill the Area B4 GE requirement (Math 8, 10, or 19).

**Tutoring:** Peer tutoring is available to all SJSU students, free of charge, from the PeerConnections center. See <http://peerconnections.sjsu.edu> for more information.

**Academic integrity:** Your commitment to learning (as shown by your enrollment at SJSU) and SJSU's Academic Integrity Policy require you to be honest in all of your academic course work. Faculty are required to report all infractions to the Office of Student Conduct and Ethical Development. See <http://www.sjsu.edu/studentconduct> for more information.

**Disabilities:** If you need course adaptations or accommodations due to a disability, or if you need special arrangements in case the building must be evacuated, please make an appointment with me as soon as possible. All students with disabilities must register with the Accessible Education Center (AEC) to establish a record of their disability. See <http://www.sjsu.edu/aec> for more information.