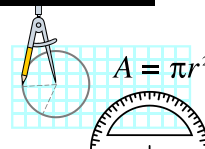
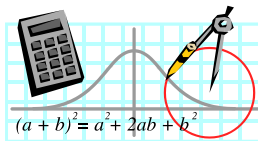


# Math 101: Intermediate Algebra - Online

Section #2922

Course ID: NAKAMURA31787

Spring 2012 - Dr. Nakamura



**Course Description:** Topics include a study of radicals, exponents, rational expressions, concepts of relations and functions, exponential and logarithmic functions, linear and quadratic functions; and the solutions of equations from these topics.

## **Math 101 Student Learning Outcomes:**

1. Students will be able to solve a variety of equations and determine the validity of solutions.
2. Students will be able to utilize function notation, determine the domain and range, perform the algebra of functions and compose functions.
3. Students will be able to analyze and graph linear and quadratic functions.

**Required Materials:** *MyMathLab* (Student Access Kit). This kit contains the *MyMathLab* software as well as an electronic version of the text. You may purchase the kit online at [www.coursecompass.com](http://www.coursecompass.com) using a credit card, or purchase an access code from the College Bookstore and then log on using the access code. Detailed instructions about logging onto *MyMathLab* will be sent to you via email.

**Optional Materials:** Some students prefer a hard copy of the text for reference. In addition to the required *MyMathLab* kit, those students may purchase a hard copy of the text "*Algebra 3<sup>rd</sup> edition*" by *Elayn Martin-Gay*.

**The exams will be taken WITHOUT calculators.** On the Exams, you must show steps and supporting work algebraically and give exact answers. You may use a calculator while completing some of the homework, quizzes and reviews. However, I strongly recommend that you do your homework, quizzes and reviews without using your calculators since you're not allowed to use it when you're taking your exams. Students are not allowed to bring their own calculators for exams at the Academic Proctoring Center.

**Calculators:** You may **NOT** use calculators on tests.

## Required On-Campus Meetings:



You must come to Oceanside or San Elijo campus to take each of the two exams and the Final Exam. Tests are given at the [Academic Proctoring Center](#) (APC) on the Oceanside and San Elijo Campuses. The testing windows for the four exams and final exam are:

Exam 1 (Ch. 6, Ch.7)	Thursday 2/16, Tuesday 2/21, Wednesday 2/22
Exam 2 (8.2, 8.4, Appendix E, 12.1, 12.2)	Monday, 3/5 ~ Wednesday, 3/7
Exam 3 (Ch.10)	Monday, 4/9 ~ Wednesday, 4/11
Exam 4 (Ch. 11)	Monday, 4/30 ~ Wednesday, 5/2
Final Exam (Cumulative, Ch.12 included)	Monday, 5/21 ~ Wednesday, 5/23

## Academic Proctoring Center's Hours: Please go

to <http://www.miracosta.edu/StudentServices/ProctoringCenter/schedule.htm>

Or call 760-757-2121 ext. 6471 to make an appointment and to see the hours of operations. **Students are required to schedule an appointment for their exam.**



## Grading Procedures:

There will be 12 Lessons, which contain approximately 55 homework assignments, 9 quizzes. And there will be 2 exams, and 1 cumulative Final Exam. The percentage that each category counts toward your course grade is given in the chart below.

Grade Category	Percentage of Overall Grade (% per assignment)	Total Percentage Per Category
Homework	0.2258% (31 assignments)	7%
Quiz	0.6667% (12 quizzes)	8%
Exam	60% (4 exams)	60%
Final Exam	25% (1 Final Exam)	25%

Grading procedure is as follows:

Grade	Course Average in Percent Format
A	90.00% ~ 100%
B	80.00% ~ 89.99%
C	70.00% ~ 79.99%
D	60.00% ~ 69.99%
F	Below 60.00%

## How to Study Math in This Online Course:



Q: Are you prepared to learn in an online environment?

A: Learning in an online environment can be challenging. Discipline and dedication are required. It is easy to get carried away by other life events and postpone your online assignments, or to feel "disconnected" from the class and lose your motivation. Make it a priority to stay caught up in the course and to interact with me and with the other students in the class through the Discussion Board in *MyMathLab*. This will help you to stay motivated and to complete the class successfully.

Q: How will I learn the material in this online class?

A: In *MyMathLab* you will find eleven Lessons. Work your way completely through all lessons, finishing each by the due date. **The careful completion of all lessons is important to your success in this class.**

Q: How often do I need to log on?

A: In order to succeed in this class, most students need to work daily. Most of the due dates for Lessons are on Wednesday, Thursday, and Sunday evenings at 11:59pm. On each due date, several homework assignments and a quiz are due. In order to learn the material properly, it is important to spread out the work during the week. I recommend that you complete the homework assignments throughout the week, and start the quiz right away so that you will have time to redo the quiz 3 times with review in between if needed. Your goal should be to make 100% on all homework assignments and all quizzes. You must log on at least three times a week in order to remain in the class. If more than three or four days elapse without you logging on, you may be dropped from the class.

Q: What should I do to prepare for exams?

A: Here are some suggestions for test preparation:

- Thoroughly cover each section. At a minimum you must complete every part of each lesson including all of the following: For each section, thoroughly read the lecture notes for that section and complete the example problems and/or thoroughly read the e-text section and complete the example problems from that section, and complete the homework assignment and redo if needed to obtain a score of 100%.

- Make 100% on every quiz. For each quiz, complete and redo it 3 times to obtain a 100% (You can only redo a quiz before the due date). In between attempts, review or get assistance, if needed.
- Review before each test. Complete the optional Chapter Review (these are paper-and-pencil reviews) that covers the material on the test.
- Complete all homework, quizzes and reviews for the material on the test. Remember that quizzes are only "snapshots" of the material, homework assignments generally cover most of the important aspects of the material, and reviews provide a necessary "holistic" view of the material. The successful completion on both (100% on each homework assignment and quiz) is necessary to properly prepare for a test.
- Complete additional review if needed. Complete other problems from the textbook for additional practice, if needed.
- Prepare for tests under testing conditions. Complete the Exam Reviews with no references (textbook, "cheat-sheet," calculator) and a time limit. Go back and review anything that you missed, and then try again without references. Keep trying until you can get all of the problems correct.

Q: Are there any special tricks in preparing for the exams?

A: Yes! How you prepare absolutely matters! Practice for an exam should be done in an environment that is as close as possible to actual testing conditions. That means completing work without references and with a time constraint. The first time that you work through a test review, use references when necessary. Then put away all references and work through the entire review. After completing the work, check your answers. Continue working through the review and then grading your work until you can complete all of the problems without any errors.

Q: How do I find out due dates, testing windows, where to take tests, and other crucial information about this online course?

A: You will find this information in the syllabus and announcements. It is your responsibility to read the syllabus and check announcements daily to keep in touch with what is going on in the class. Email me at [lnakamura@miracosta.edu](mailto:lnakamura@miracosta.edu) whenever you have any questions.

Q: What resources are available to me to help me succeed in this online class?

A: Here are some of the resources available:

- **CourseCompass:** Use the software to access videos, example problems, step-by-step solutions, the electronic text, and your homework, quizzes and online test reviews.

- **Math Learning Center (MLC) Assistance:** Instructors and aides in the MLC (Math Learning Center) are available to answer homework questions that you may have. Find the locations and hours at the [MLC](#) website.
- **Tutoring:** Free tutoring is available in the Tutoring Center located in the Library and Information Hub. Find the hours and locations at the [Tutoring Center](#) website.
- **Email Communication:** I also check and respond to emails on CourseCompass and at [lnakamura@miracosta.edu](mailto:lnakamura@miracosta.edu) at least once a day during the weekdays. I usually do not check email on the weekend, however on occasional weekends I do check my emails. I check only MiraCosta and *CourseCompass* emails. Please don't use any emails other than these two.
- **The Discussion Board on *CourseCompass*:** Use the discussion board to ask questions and to answer questions that other students have posted. I do not monitor these discussions. Please remember in using the Board to be kind, generous, and patient with your classmates. All interactions must be appropriate, as they would be in an actual classroom.

## Information about Homework Assignments, Quizzes, Reviews, Exams, and the Final Exam:

Give yourself plenty of time before the due date to redo all homework assignments for the Lesson. You should score 100% on all homework assignments. Use the "Help Me Solve This" button to guide you through the problem if you are having difficulty. Email me, use the e-text, or post a question on the discussion board if you still have questions.

### Quizzes:

Q: Where do I find the quizzes?

A: Quizzes are online and completed through *CourseCompass*. All quizzes must be completed and submitted online.

Q: What are the due dates for the quizzes?

A: See the "**Course Calendar-Due Dates**" listed in the CourseCompass menu bar for due dates.

Q: What time on the due date is the quiz due?

A: Quizzes are due at 11:59pm on the due date.

Q: Are quizzes closed book?

A: You may use the text, lecture notes and other references when you are taking quizzes. However, it is best to try to complete the quizzes without notes. If you need to look at your notes to complete a problem, then be sure to redo that problem without looking at your notes. You won't have your notes on an exam!!

Q: How many times can I take a quiz?

A: Before the due date for a quiz, you may take and retake a quiz 3 times. Each time you try the quiz again, you get a version with slightly different numbers, but the same types of problems. Your highest score for all 3 attempts is the one that counts. In between attempts, you can look at your results to see what you missed. You should redo each as needed before the due date to score a 100% on the quiz.

Q: How should I complete these online quizzes?

A: For each quiz, copy each problem in your homework/quiz, work the problem out completely, showing all steps, and then enter the correct answer in CourseCompass. **Remember: To best prepare for the paper-and-pencil exams that are given on campus, complete all of your preparatory work in an environment as close as possible to the testing environment: write down your problems, solve them showing all steps, avoid using text or other references (if you need to use references for a problem, redo that problem later without reference), and time yourself.**

Tests:

Q: Where are the tests given?

A: You will take all three tests at the [Academic Proctoring Center](#) (APC) on the Oceanside or San Elijo campus during the testing window.

Q: When are the testing windows?

A: For each test, a testing window will extend for four days. Here is the schedule:

Exam 1 (Ch. 6, Ch.7)	Thursday 2/16, Tuesday 2/21, Wednesday 2/22
Exam 2 (8.2, 8.4, Appendix E, 12.1, 12.2)	Monday, 3/5 ~ Wednesday, 3/7
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Exam 4 (Ch. 11)	Monday, 4/30 ~ Wednesday, 5/2
Final Exam (Cumulative, Ch.12 included)	Monday, 5/21 ~ Wednesday, 5/23

Q: What hours are available for me to take an exam?

A: The APC is open selected hours—some daytime and some evenings. You must complete your exam before the APC's scheduled closing time. 90 minutes are allowed for each exam, so plan to arrive at the APC 90 minutes before closing time. Visit the [APC](#) website to see hours, location and appointment information. You can check this by logging on to CourseCompass and click on "APC" icon on the left hand side of the screen.

Q: Do I need to make an appointment to take an exam?

A: Yes, you must make an appointment to take each exam.

Q: What if I fail to take the exam during the testing window?

A: You will get a score of 'zero' on that exam.

Q: What if I don't take an exam at all?

A: Students who don't take an exam during the testing window will earn a zero on the exam and may be dropped from the class.

Q: May I use a calculator?

A: You may NOT use a calculator on the exams. However, if you will be allowed to use a scientific calculator on the exam, scientific calculators will be available for you to borrow and use during each exam. Most exam problems require that all steps and supporting work be shown and exact answers given. Work must be shown algebraically.

Q: How do I get my exams back?

A: If you would like your graded exams to be returned to you, please bring a stamped, self-addressed envelope to the exam and leave it with the proctor.

### **Final Exam:**

For the 2 hour Final Exam, the testing window extends from Monday, 5/21 through Wed, 5/23 at the [Academic Proctoring Center](#) on the Oceanside or San Elijo Campus. Be sure to arrive in time to complete the final by the APC closing time. No finals will be given after Wednesday, 5/23. Students who have not completed the Final Exam by Wednesday, May 23<sup>rd</sup> will receive a zero on the Final Exam.

