

Instructor: Sharon Giles

Phone: (619) 644-7082

Email: sharon.giles@gcccd.edu

Website: <http://www.grossmont.edu/sharongiles>

Fax: (619) 644-7922

Office: 70 -216 (tech mall)

Office Hours: MW 2:45 - 3:45 pm
and by Appt.

COURSE DESCRIPTION

Math 103 is designed to provide the student with the necessary algebra skills to be successful in many math classes. The course includes a brief review and expansion of the topics from elementary algebra (Math 90) with a concentration on functions, exponents, radicals, quadratic equations, systems of linear equations, rational expressions, logarithms, and conic sections. If you read the text, do the homework, and contribute to class discussions you will have a good chance of success in Intermediate Algebra.

STUDENT LEARNING OUTCOMES

- A student will be able to categorize intermediate algebra problems and use appropriate theorems, formulas, and algorithms to simplify or solve them.
- A student will be able to formulate, analyze, and differentiate mathematical functions numerically, graphically, and symbolically at the intermediate algebra level and have the ability to transition between these representations.
- A student will be able to apply appropriate algebraic methods to solve applications.

COURSE PREREQUISITE

A grade of C or better in Math 90 or equivalent.

TEXT & SUPPLIES (*online version of text is available through MyMathLab)

MyMathLab Access Kit (purchase at www.mymathlab.com) **(Required)**

Rockswold, Krieger, **Beginning and Intermediate Algebra** with Applications and Visualization (3rd ed) – *For reference as needed*

* An electronic version of the text is available in MyMathLab

TEXTBOOK OPTIONS

There are different options to consider when you purchase the materials for this course.

- 1) Buy a new book along with the MyMathLab Access Code in the bookstore
- 2) Buy the MyMathLab Access code and use the electronic version of the text (approx. \$99)

I recommend option 2. If you are waiting for financial aid, you can get temporary access for 14 days. Click the option at the bottom of the financial option page. Access must be paid before trial ends and all work will be lost and will not count.

MyMathLab ACCESS CODE

MyMathLab is a requirement to this course. You will have access to videos, guided problems, and the homework problems. **Make sure that you buy your book with the MyMathLab Student Access Kit which contains your access code for the class.** MyMathLab is FREE with the purchase of a new book in the bookstore. Once you open your MML Access Kit, to where the access code is revealed it is nonrefundable. The access code is valid for one full year. If you decide to drop the class, retake the class the following semester so that you can maintain your access. Use the following section code in MML when you register for MML.

giles77587

If you decide to only purchase the MML access code without the textbook it will cost you around \$99 (online price). Once you register in MML you will have access to an online version of the textbook. Purchase the access through www.mymathlab.com

MYMATHLAB TECH SUPPORT: 1-800-677-6337

CLASS PERFORMANCE:

Grades will be determined as follows:

Online Homework	20%
Online Quizzes	20%
On-Campus Midterm	25%
On-Campus Final Exam	35%

ASSIGNING GRADES:

90 – 100 % A	88 – 89% B+	78 – 79% C +	60 – 69 % D
	80 – 87% B	70 – 77% C	Below 60% F

If you take the course P/NP: **Pass** is equivalent to: **70 – 100%** No Pass is below 70%.

Grades will be rounded with the following guidelines: 89.4% rounds to 89% while 89.5% rounds to 90%. **ALL** requests for an opportunity to improve your grade due to personal circumstances will be denied. At the end of the semester, I submit the grade you earned in the class. This grade may be different than the one you wanted or needed in the class. I do not negotiate grades based on personal circumstances. Please respect this policy.

ATTENDANCE

There is no class to attend. Attendance will be recorded through your participation on the discussion board and the submission of assignments such as homework and quizzes. Students who fall behind by not submitting an assignment may be dropped from the class. You must establish a daily routine for working on all assigned materials. Assignments are intended to help you stay on task as well as prepare you for the exams.

COURSE WORK

Success in the class depends on you making time to learn the material from the available resources posted in MyMathLab. Some students may need additional help in order to understand the material. MyMathLab includes an interactive text, practice problems, videos, and worked out examples. It is your responsibility to seek additional help by coming in during office hours, getting assistance from our free on campus tutoring centers or by using the discussion board within MyMathLab. Understand that you will be your own teacher. Do not wait for the material to come to you. You must use the resources that I have made available in MyMathLab to learn Intermediate Algebra.

You must be a self-motivated, self-directed student who avoids procrastination and can effectively pace your learning. Since there is no class to attend, you must establish a daily routine for working on the material. Effective communication with the instructor and fellow classmates is also important in helping you succeed in this class.

This online course requires at least 15 hours per week of your time. Of course, it may take some students considerably more time to be successful in this class. Student's who can not schedule at least 15 hours a week for this class **are advised not to enroll.**

Your grade in this class is based on homework, quizzes, one **on-campus Midterm** and one **on-campus Final Exam**. Before enrolling in this class, make sure that you can attend the on-campus midterm and final exam.

ONLINE HOMEWORK

The purpose of the homework is to view videos and to keep you on task and to prepare you for the exams through daily practice. **All homework is done online using MyMathLab and is due on a MONDAY.** There are 8 homework assignments for the course. Each assignment will consist of a lecture video followed by problems to complete. Watch the video and then complete the problems. You will find videos embedded within the homework. Each video will introduce the next few problems to complete. MyMathLab will grade your homework and give you a percent score. You have unlimited attempts on each homework question. There are 3 attempts per question and if the question is still not answered correctly, click "similar question" for another question. Basically, you have an unlimited amount of attempts per question to get it correct. Due dates have been set by day and time. Submit your homework at least one day before it is due. If you wait to the last minute something may go wrong. The website may be down or the server may be busy. PLAN AHEAD and submit your homework a day before it is due to avoid problems. Computer or Server problems are not an excuse for late homework and will not be accepted. **There will be no extensions to the assignments given, NO EXCEPTIONS!**

Some homework exercises are multi-response, which means they have more than one answer. The program gives specific instructions on how the answer should be entered. It will give you instructions such as "rounded to three decimal places", "round to the nearest thousandths", "enter your answer as a reduced fraction". Follow these directions so your answer matches the correct answer in the computer program.

It is a good idea to print a confirmation of your homework results. In case of computer malfunction, this is proof that you completed the assignment. Turn in your confirmation only if you see that you did not receive credit for your assignment.

QUIZZES

There will be a quiz based on each homework assignment, 8 in all, in MyMathLab covering the concepts learned in that chapter. **All quizzes are done online using MyMathLab and are due on a TUESDAY.** You have **2** attempts for each quiz and only the highest percent will be recorded. The quizzes must be completed by the due date and **no extensions will be given, NO EXCEPTIONS.**

MIDTERM

There will be one **ON-CAMPUS** midterm which will cover Assignments 1-4. Plan ahead and make sure that the time and day fits your schedule. Do not enroll in this class if you can not make it to campus to take the exam. The midterm will consist of open-ended questions where you must show your work for credit. A sample exam for the midterm and final will be made available. The midterm is a closed book, closed notes exam, but a calculator is encouraged. Any calculator is acceptable except for the TI-89. **You must bring a valid picture ID to the exam.** Choose one of the following dates/time to take the midterm:

DATE	DAY	TIME	ROOM
Review Session (optional)	Monday	3:00 pm - 4:00 pm	TBD
October 10	Monday	4:00 pm – 5:00 pm	TBD
October 12	Wednesday	3:00 pm – 4:00 pm	TBD

* Date and/or times are subject to change

FINAL

The final exam is scheduled at the end of the semester and will be given **ON-CAMPUS** and will cover Assignments 1-8. The final exam will be closed books, closed notes except a 3x5 note card will be allowed, and a calculator is encouraged. Any calculator is acceptable except for the TI-89. **You must bring a valid picture ID to the exam.** Without a picture ID, your final exam will not be graded and thus, will result in a zero. Choose one of the following times to take the final exam:

DATE	DAY	TIME	ROOM
Review Session (optional)	Dec. 7 (Wednesday)	2:30 pm - 4:00 pm	TBD
December 12	Monday	1:45 pm – 3:45 pm	TBD
December 14	Wednesday	11:35 am – 1:35 pm	TBD

* Date and/or times are subject to change

CLASS PARTICIPATION

This discussion board is also the place to post your questions on any homework problems or concepts that you do not understand. When you post your question, please include the section that your problem came from and place the question in the appropriate thread. To access the discussion board, click on the tab “**Discussion**”, and you can ask or reply to posted questions. Please, do not send me email messages on homework problems. You may email me to discuss personal issues or comments that you do not want others to see. General questions that would normally be asked in the classroom environment along with homework questions are to be placed on the discussion board.

Before posting your message on the discussion board, read all the posted messages. Your question may have been asked and answered. Feel free to answer any questions that are on the discussion board to help each other. **Participating on the discussion board is like attending class – this will be our only interaction.**

TUTORING

If you are having any difficulty with the material please come by my office hours or the Math Study Center. The MSC is located in the Tech Center rooms 70-112 & 70-113. Check the lab for hours.

Tutoring is also available by appointment through the Tutoring Center. An appointment must be made in advance for this service. You may contact them at 644-7387.

ACADEMIC INTEGRITY:

Cheating and plagiarism (using as one's own ideas writings, materials, or images of someone else without acknowledgement or permission) can result in any one of a variety of sanctions. Such penalties may range from an adjusted grade on the particular exam, paper, project, or assignment (all of which may lead to a failing grade in the course) to, under certain conditions, suspension or expulsion from a class, program or the college. For further clarification and information on these issues, please consult with your instructor or contact the office of the Associate Dean of Student Affairs.

STUDENTS W/DISABILITIES

Students with disabilities who may need accommodations in this class are encouraged to notify the instructor and contact Disabled Student Services & Programs (DSP&S) **early in the semester** so that reasonable accommodations may be implemented as soon as possible. Students may contact DSP&S in person in building 60, room 120 or by phone at (619) 644-7112 (voice) or (877) 561-8975 (Video Phone for deaf).

REGISTER FOR MYMATHLAB

“see separate link for detailed steps”

STEP 1:

To get started go to www.mymathlab.com and click on “register” as a student.

STEP 2:

Enter Course ID: **giles77587**

STEP 3:

Fill out the required fields to create a username and password

STEP 4:

* If you bought an access code from the bookstore: click left side that you have the code, enter it, and follow instructions.

* If you are buying one online, click to pay for it online and fill out billing information.

If you are waiting for financial aid, you can get temporary access for 14 days. Click the option at the bottom of the financial option page. Access must be paid before trial ends and all work will be lost and will not count.

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SCHEDULE

	Recommended Pace	Assignment Deadlines
Week 1 8/22 – 8/28	Assignment 1 Ch. 6 - Factoring	
Week 2 8/29 – 9/4	Assignment 1 Ch. 6 - Factoring	Assignment 1 HW: 9/5 Assignment 1 Quiz: 9/6
Week 3 9/5- 9/11	Assignment 2 Ch. 7 – Rational Exp	
Week 4 9/12 – 9/18	Assignment 2 Ch. 7 – Rational Exp	Assignment 2 HW: 9/19 Assignment 2 Quiz: 9/20
Week 5 9/19 – 9/25	Assignment 3 Ch. 8 - Functions	Assignment 3 HW: 9/25 Assignment 3 Quiz: 9/26
Week 6 9/26 – 10/2	Assignment 4 Ch. 9 - Systems of Eq	
Week 7 10/3 – 10/9	Assignment 4 Ch. 9 - Systems of Eq	Assignment 4 HW: 10/10 Assignment 4 Quiz: 10/11
Week 8 10/10 – 10/16	REVIEW	MIDTERM 1
Week 9 10/17 – 10/23	Assignment 5 Ch. 10 - Radicals	
Week 10 10/24 – 10/30	Assignment 5 Ch. 10 - Radicals	Ch. 6 Homework: 10/31 Ch. 6 Quiz: 11/1
Week 11 10/31 – 11/6	Assignment 6 Ch. 11 - Quadratics	
Week 12 11/7 – 11/13	Assignment 6 Ch. 11 - Quadratics	Ch. 7 Homework: 11/14 Ch. 7 Quiz: 11/15
Week 13 11/14 – 11/20	Assignment 7 Ch. 12 - Logarithms	
Week 14 11/21 – 11/27	Assignment 7 Ch. 12 - Logarithms	Ch. 8, 10.1 Homework: 11/28 Ch. 8, 10.1 Quiz: 11/29
Week 15 11/28 – 12/4	Assignment 8 Ch. 13 – Conics	
Week 16 12/5 – 12/11	REVIEW	Ch. 9 Homework: 12/7 Ch. 9 Quiz: 12/7

* schedule is subject to change