SCOTTSDALE COMMUNITY COLLEGE

A **MARICOPA** COMMUNITY COLLEGE

Course Information

Semester/Year/Dates: Spring 2023 3/20/2023 – 5/12/2023 (8 weeks)

Course Title/Section: MAT103: College Mathematics Preparation – 25920

Credit Hours:

Room/Meeting Days/Times: NA - Class is On Your Time (OYT) Online

Learning System   MOER (Canvas is <u>not</u> used in this course)

Course Format

The course format for this course is On-Your-Time Online. On-Your-Time Online classes do not meet at specific class times. Coursework must be completed according to deadlines. Students are required to have access to a computer or mobile device, and Internet access.

Instructor Information

Instructor: Martha Gould martha.gould@scottsdalecc.edu

Phone: (602) 695 - 6354 (cell)

Office Hours: Office hours are by appointment. Send me a text or an email
                       and we will set a time to meet online (Google Meet).

Calculator Information

You must have the ability to access the capabilities of a TI83/TI84 calculator. A basic scientific calculator is also good to have. More details can be found in MOER. You can also rent a TI83/84 through the SCC Media Center. Generally the cost is $10 for the semester. You can make an appointment to pick up the calculator by calling the Help Desk at (480) 423 - 6274 (press option #3). Please be aware that the calculator rentals are on a first come, first served basis and there are limited quantities.

Disability Resources and Services (DRS)

For information about DRS and class accommodations, visit:
https://www.scottsdalecc.edu/students/disability-services

Course Description

Foundational knowledge of topics necessary for success in College Mathematics. Emphasis on understanding mathematical concepts and their applications. Topics include number sense, proportional reasoning, numerical and algebraic expressions, linear equations, and representations of data.

Prerequisites

None

Course Competencies

1. Utilize appropriate technology for problem solving.
2. Model, solve and interpret solutions to real world problems.
3. Identify, analyze, and express mathematical relationships in written problems.
4. Estimate and round numbers appropriately.
5. Convert between decimals, fractions, percents, and words.
6. Compute numerical expressions involving exponents and roots.
7. Apply the order of operations to numerical expressions involving integers and rational numbers.
8. Set up and solve proportion and percent problems.
9. Distinguish appropriate uses of additive and multiplicative reasoning.
10. Simplify linear expressions including combining like terms and applying the distributive property.
11. Solve linear equations.
12. Given multiple representations, identify corresponding input and output values and interpret their meanings in context.

Texts and Course Materials

College Mathematics Preparation – Student Workbook - Version 1.2, October 2020

An Open Educational Resource (OER) created by Scottsdale Community College
ISBN: 9781634349444
Author: SCC Math Dept
Estimated Price: $12.00 (new)
New Retail Price: $12.00 Used Retail Price: $9.00
This is not a Rental Title

Course Technologies

View the [Accessibility Statements & Privacy Policies](#) of technologies used in this course.

Maricopa Systems

This course uses key Maricopa systems for course management and communication.

- Student Maricopa Gmail Account
- Maricopa Open Educational Resource Learning System (MOER)
- Note that Canvas is not utilized in this course other than to provide access to college resources and information

Synchronous Communication Tools

This course does not have a synchronous component. If you meet with your instructor, you may be asked to utilize one of the technologies below:

- Google Meet

Student Assignment Tools

This course requires students to participate in or submit assignments using desktop and/or cloud-based applications.

- Adobe PDF and/or Microsoft Word or Google Docs

Streaming Media/Audio/Video Tools

This course delivers video lectures through YouTube.

Exam Proctoring Tool

Exams in this course are <u>not</u> proctored.

Course Policies

The following are policies specific to this course. Students are also responsible for the college policies included on the [Student Regulations](#) page of the Maricopa Community College District website.

General Conduct

Students are expected to conduct themselves in a responsible, mature, and academically honest manner. Be honest in everything you do. Do not present someone else's work as your own including work that you find on other Internet sites. Any student caught cheating on an assignment/exam will receive a grade of zero for that assignment/exam and will be subject to disciplinary action, including possible class withdrawal, in accordance with SCC policies.

Class Drop

If you realize right away that this class is not for you, you will need to drop the class as soon as possible in order to receive a full refund. Check the Academic Catalog (https://www.scottsdalecc.edu/catalog) for these important dates. You are responsible for dropping within the window to obtain a refund if you decide that is what you want to do.

Your instructor may drop you from the class for failing to complete required orientation assignments on time. Create your MOER account and check your MOER course calendar for details related to orientation assignments for this class.

Class Withdrawal

<u>This is not a self-paced class</u>. You have assignments and due dates and must make regular and consistent progress on course work and assignments. If you miss ONE test deadline you could be withdrawn so be sure to stay in touch with your instructor. Students that stop participating and fail to respond to instructor MOER communication will be withdrawn from the class. Students that miss Exam deadlines may also be withdrawn.

Students can request to withdraw from this class (with a grade of W) at any time prior to taking Exam #3. Students that take Exam #3 cannot earn a W for the class.

If a student withdraws or is withdrawn from the course, the instructor is required by law to report last day of attendance (LDA). This date is based upon actual work that is submitted and/or communication with the instructor about the class.

Grading Standards & Practices

Grade Scale

Letter Grade	Points Range
A	90 – 100%
B	80 – 89%
C	70 – 79%
D	60 – 69%
F	0 – 59%

Assignments

Assignment Name	Percent of Grade
Orientation Modules and Academic Honesty Assignments	Total of 5%
*Lesson Video Assignments – MOER Assignment (6)	0%
Lesson Video Assignments – Written Work Submission (6)	Total of 10%
Lesson Online Homework and Exam Reviews (6 HW, 3 Rev)	Total of 5%
Lesson Tests (6)	Total of 20%
**Exams (3)	Total of 60%
TOTAL:	**100%**

* Lesson Video Assignments must be completed in MOER to 100% in order to open the **Lesson Homework**. However, the MOER Video Assignments are not part of your overall grade. Students are required to submit a completed lesson packet and this written work is part of your grade. This is explained in greater detail in MOER.

**Exams in this class occur after lessons 2, 4 and 6 and cover 2 lessons worth of content. In order to sit for an Exam, students must complete the required Lesson assignments for that Exam, the Online Review assignment for that Exam, and the Academic Honesty assignment for that Exam. Exams in this class are not proctored.

Response Time

Students can expect a response time of 24 hours or less for the instructor to respond to messages sent via the MOER System or email. Students can expect written assignments to be graded within 48 hours of the assignment's due date.

Attendance Policy

Attendance in an Online class means checking in to MOER and completing assignments and other work on time or ahead of schedule.

Instructional Contact Hours (Seat Time)

This is a three (3) credit-hour course. Due to the accelerated nature of this course, plan to spend at least six hours weekly on course content (direct instruction) and twelve hours on homework/tests weekly for a total of 18 hours per week.

Remote Math Tutoring

SCC's Math Center tutors are available online and utilize Google Meet to help with your courses. The Math Center is also open for in-person tutoring Monday - Thursday. Visit the Math Center https://www.scottsdalecc.edu/students/tutoring/math for detailed information. Please use your time effectively and be prepared with your questions before you connect with a tutor.

As much as possible, it is highly recommended that you utilize SCC Math Center tutors since they are familiar with SCC coursework, instructor expectations, and assignments; however, if you need to work with a tutor outside regular Math Center hours, you have access to a 24/7 online tutoring service called Brainfuse. You may utilize up to 6 hours of online tutoring through Brainfuse per semester and have the option of requesting additional time if needed.

Visit the SCC Online Tutoring Services Through Brainfuse page for detailed information about Brainfuse tutoring.

Students are responsible for the information contained in this syllabus, the Syllabus page in your Canvas course and the **College Policies & Student Services** page found in the First Steps module of your Canvas course. Students will be notified by the instructor of any changes in course requirements or policies.