



**SCOTTSDALE
COMMUNITY COLLEGE**

A MARICOPA COMMUNITY COLLEGE

Course Information

Semester & Year:	Spring 2025
Course Title:	College Mathematics
Course Prefix & Number:	MAT141
Section Number:	29954
Credit Hours:	4
Meeting Days and Time:	Tuesdays and Thursdays 10:30AM – 12:10PM
Meeting Location:	CM 463
Start Date and End Date:	3/18/2025 - 5/9/2025

Course Format

The course format for this course is Hybrid. The course is an 8-week course that runs March 18 – May 9 and meets in person in CM463 on Tuesdays and Thursdays from 10:30AM – 12:10PM. You are expected to attend each class.

Instructor Information

Instructor:	Martha Gould
Email:	martha.gould@scottsdalecc.edu
Cell:	602-695-6354 (voicemail and texts)
Office Hours:	Office hours will be available as requested

I look forward to working with you this semester! Please do not hesitate to ask for help – that is what I am here for!

Course Description

Working knowledge of college-level mathematics and its applications to real-life problems. Emphasis on understanding mathematical concepts and their applications. Topics include proportional reasoning, modeling, finance, probability, and statistics.

Prerequisites

An appropriate District placement, or a grade of C or better in (MAT052, MAT053, and MAT055), or (MAT055, MAT056, and MAT057), or MAT085, or MAT09+, or MAT103 or MAT114 or MAT115.

Course Competencies

1. Solve contextual problems using proportional reasoning and dimensional analysis. (I)
2. Demonstrate evidence-based decision making. (I-V)
3. Evaluate the reasonableness of an answer in the context of the problem. (I-V)
4. Demonstrate fluency with formulas, including evaluating and isolating variables. (II-V)
5. Model data using linear and exponential (and optionally other) equations. (II)
6. Compute and interpret empirical and theoretical probabilities and expected value of events. (III)
7. Calculate, display and interpret measures of central tendency, variability and position. (IV)
8. Use the Standard Normal Distribution to solve problems concerning normally distributed data. (IV)
9. Solve finance problems including loans, amortizations, investments. (V)

Texts and Course Materials

Required Text: College Mathematics, Scottsdale Community College, 4th edition OER, ISBN: 979-8-88672-003-7. A digital copy of the textbook can be accessed for free on the course website in MOER. If you would like a printed copy of the textbook, it can be purchased using this [link](#).

Online Course Management System: This course uses MOER, a free Online Course Management System. All of the Online Homework will be accessed through this system. Grades will also be posted through this system. The software is free to use and can be accessed at <https://moer.maricopa.edu/>. ***Failure to enroll in MOER and complete the required orientation assignments by the due date will result in being withdrawn from the course.***

Calculator Requirement: A graphing calculator is required for this course. The instructor strongly recommends TI-84+ (a TI-83+ is acceptable). If you choose not to purchase one, you can rent one on a first come, first served basis for \$10 per semester from the Media Center in IT. You can make an appointment to pick up the calculator by calling the Help Desk at 480-423-6274. Calculators with QWERTY keyboards or those which do symbolic algebra (such as the TI-92 or TI-89) are NOT allowed. You are expected to bring your graphing calculator to each class session. Your cell phone may

NOT be used as a calculator during class or on the Midterm or Final Exam. Sharing of calculators during Exams is NOT permitted.

Computer Access, Webcam, Microphone, and Email: You will need regular access to a computer with online capabilities in order to complete online assignments. You will also need a valid email address that you (and only you) check regularly.

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)

Synchronous Communication Tools

There is no synchronous portion to the course, but students who choose to meet with the instructor during online office hours may require the use of web conferencing and/or other synchronous course tools.

- Google Meet

Streaming Media/Audio/Video Tools

This course uses webcasting, lecture capture systems, YouTube, and/or other streaming media services.

- YouTube

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.

Course Progression: This course is NOT self-paced. Students are expected to keep up with the assignments and due dates. **Students who fall more than 1 chapter behind (or do not complete any online work over the course of 5 consecutive**

days) may be withdrawn from the course. Also, failure to enroll and/or complete the Orientation assignments in MOER by the due date will result in being withdrawn from the course.

Attendance: SCC policy states that you may be withdrawn from the course by the instructor after three unexcused absences. In addition, consistent tardiness will not be tolerated. If you arrive to class after class has started, you will be marked tardy. For every 3 class periods in which you are tardy, you will earn 1 unexcused absence.

Withdrawing from the Course: This is not a self-paced class. You have assignments and due dates and must make regular and consistent progress on course work and assignments. **If you miss an Exam, you will be withdrawn, so be sure to stay in touch with your instructor. Students that stop participating and fail to respond to instructor communication (MOER message, emails, or texts) will be withdrawn from the class.**

Students can request to withdraw from this class (with a grade of W) at any time prior to taking the Final Exam. Students that take the Final Exam 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. Additional information on withdrawals can be found in the College Catalog.

Electronic Devices/Cell Phones: Use of cell phones, laptops, cameras, and other electronic devices when in class is a disruption for you, your fellow students, and your instructor. Please keep them off and out of sight during class. If you have an emergency situation requiring you remain in cell phone contact, please let the instructor know prior to the start of class. Also, no audio or video recording, or taking photos are allowed in class.

Generative Artificial Intelligence (AI) Policy

Generative AI can be defined as “a category of artificial intelligence (AI) algorithms that generate new outputs based on the data they have been trained on. Unlike traditional AI systems that are designed to recognize patterns and make predictions, generative AI creates new content in the form of images, text, audio, and more.” Some examples of generative AI tools include but are not limited to: ChatGPT, Google Bard, Microsoft Copilot, Stable Diffusion, GrammarlyGo, and Adobe Firefly.

In this class, all work submitted must be your own. The use of generative AI tools will be considered academic misconduct (see Administrative Regulation 2.3.11 1.B(b)) and will

be treated as such. If you are unsure if the tool or website you are using is a generative AI tool, please contact the instructor for further clarification before using the tool or website.

Math/Science Tutor Center: Free tutoring, calculator assistance, and computers are available both in person and online through the Math/Science Tutor Center (<https://www.scottsdalecc.edu/students/tutoring/math>). You will need to know your SCC student ID number in order to sign in.

In addition, all SCC math students will have access to the private SCC Math Tutoring Server in Discord. This server is available to all SCC math students and will be monitored by tutors during all Math Center hours, including the remote hours on evenings and weekends. Here is the invite link to join the SCC Math Tutoring Server in Discord: <https://discord.gg/R68kEDwrVA>

Grading Standards & Practices

Grade Scale

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

Grade Categories - Your final grade will be determined by the following graded events:

Mini Lessons	10%
Online Homework	25%
HW Quizzes	15%
Midterm Exam	25%
Final Exam	25%

There are no Late Passes in this class.

Mini Lessons: For each chapter, you are expected to read the chapter, watch the Mini Lesson online videos, and work through the entire Mini Lesson in MOER. This will help you learn the material and prepare you for the Online Homework assignments. Mini Lesson due dates will be posted in the MOER Calendar. No late Mini Lessons are accepted. **Mini Lessons are worth 10% of your final course grade.**

Online Homework: You are expected to complete the Online Homework assignments. These assignments are completed using MOER. It will benefit you to write out the homework problems and show your work. Online Homework Assignment due dates will be posted in the MOER Calendar. No late Online Homework assignments are accepted. **The Online Homework is worth 25% of your final course grade.**

Homework Quizzes: End of chapter Homework Quizzes will be assigned in MOER over each chapter and will cover the material you practiced in your Online Homework assignments. You will have two attempts for each question. The second attempt (if you need it) will earn you a MAXIMUM of 70% for that question. Homework Quiz due dates will be posted in the MOER Calendar. No late Homework Quizzes are accepted. **Homework Quizzes are worth 15% of your final course grade.**

Midterm and Final Exam: There will be a Midterm Exam and a Final Exam, **each worth 25% of your grade (for a total of 50%).** Make-up Exams will only be granted in extreme circumstances. DO NOT wait until after the missed Exam to contact me. Arrangements can be made on an individual basis and must be approved by the instructor AT LEAST ONE WEEK IN ADVANCE BEFORE the scheduled Exam. Failure to adhere to this policy may result in a grade of “0” for the missed Exam. Any Exams not completed by 3 days past the original Exam date will be given a score of 0, and result in being withdrawn from the course. The Exams will be in person on the SCC campus, during regular class time.

Disability Resources and Services (DRS)

Students who require a DRS accommodation must work through the DRS office. Your instructor must receive the official DRS accommodation alert prior to a given Exam or assessment in order to apply the accommodation. For information about DRS and class accommodations, visit: <https://www.scottsdalecc.edu/students/disability-services>

Response Time

Your instructor will respond to posts on the discussion board, messages, and emails within 8 business hours (usually faster). Please understand that business hours are

from 9 am to 5 pm, Monday through Friday. If you post a question or message, be aware that after 5 pm on Friday until Monday morning at 9 am is NOT part of business hours. Any holidays are also not considered part of business hours. Students can expect assignments to be graded within 5 business days after the due date.

Instructional Contact Hours (Seat Time)

This is a four (4) credit-hour course. Plan to spend at least four (4) hours on learning course content, and at least eight (8) hours on homework weekly. This time requirement will increase slightly since this is an 8-week course.

Learning Tools and Your Privacy and Security

SCC utilizes a variety of software applications and web-based tools operated by third party vendors to support student learning. To allow student access to the application, site or tool, certain identifiable information may be required to establish a username or password, and submit work and/or download information from these tools. Inherent with all internet-based tools, there is a risk that individuals assume when electing to use these tools, as they may place information at risk of disclosure.

In this course, we will use MOER to complete or participate in assignments, activities and/or access course materials. [Accessibility Statements and Privacy Policies](#) for all tools used at SCC are available.

To use learning tools responsibly, please observe all laws and the Maricopa Community College District [Student Conduct Code](#), such as copyright infringement, plagiarism, harassment or interference with the underlying technical code of the software. As a student using a learning tool, you have certain rights. Any original work that you produce belongs to you as a matter of copyright law. You also have a right to the privacy of your educational records. Your contributions to learning tools constitute an educational record. By using the tool, and not taking other options available to you in this course equivalent to this assignment that would not be posted publicly on the internet, you consent to the collaborative use of this material as well as to the disclosure of it in this course and potentially for the use of future courses.

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.