SCOTTSDALE COMMUNITY COLLEGE
A MARICOPA COMMUNITY COLLEGE

Course Information

- Semester and Year: Summer 2026
- Course Title: College Mathematics
- Course Prefix and Number: MAT 141
- Section Number: 16821
- Credit Hours: 4
- Start Date: 5/26/2026
- End Date: 7/16/2026
- Class Format: On Your Time Online

Instructor Information

- Instructor: Dr. Lindsay Gilbert
- Email: lindsay.gilbert@scottsdalecc.edu
- Phone: 480 – 382 – 8099
- Office Hours: By appointment only, virtually (via Zoom)

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 and/or Corequisites

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 Failure to enroll in MOER and complete the required syllabus quiz by the due date will result in being withdrawn from the course.

Course ID: 23433 **Enrollment Key**: 05262026

Calculator Requirement: A graphing calculator is required for this course. The instructor strongly recommends a TI-84+ (a TI-83+ is acceptable). 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 exam. Your cell phone may NOT be used as a calculator during exams. Sharing of calculators during quizzes or 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 access to a Webcam and a Microphone if you select to get tutoring online, attend virtual office hours, or take your exams online. You will also need a valid email address that you (and only you) check regularly.

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. You may work ahead, but you cannot fall behind. **Students who fall more than 1 chapter behind (or do not complete any online work over the course of 7 consecutive days) may be withdrawn from the course. Also, failure to enroll and/or complete the syllabus quiz in MOER by the due date will result in being withdrawn from the course.**

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 may be withdrawn, so be sure to stay in touch with your instructor. Students that stop participating and fail to respond to instructor communication will be withdrawn from the class. If you feel you need to consider withdrawal, please discuss this with your instructor immediately.**

Please refer to this website for important dates and deadlines regarding course withdrawal. 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.

Attendance Policy

SCC policy states that you may be withdrawn from the course by the instructor after three unexcused absences.

Instructional Contact Hours and Minimum Course Expectations

Instructional contact hours are the weekly time students spend directly learning with their instructor or course activities. These activities include, but are not limited to, lectures, discussions, labs, group work, and viewing recordings. Instructional contact hours vary by course; refer to the MCCCD course bank for your course's details.

Minimum course expectations include the number of hours students are expected to spend outside of class (weekly) completing coursework. Students are encouraged to use the Time Management Calculator to help estimate their weekly time commitment for classes.

This is a four (4) credit-hour accelerated course. Plan to spend approximately twenty-three hours on this course weekly.

Course Technologies

View the Accessibility Statements & Privacy Policies of the technologies used in this course.

Maricopa Systems

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

- Canvas Learning Management System
- 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 may require the use of web conferencing and/or other synchronous course tools.

- Zoom

Streaming Media/Audio/Video Tools

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

- YouTube

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 user name 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.

Generative Artificial Intelligence (AI) Policy

The World Economic Forum defines generative AI 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 Gemini, Microsoft Copilot, Stable Diffusion, GrammarlyGo, and Adobe Firefly.

No Generative Artificial Intelligence (AI) Allowed

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.

Grading Standards and 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	15%
HW Quizzes	15%
Midterm Exam	30%
Final Exam	30%

Mini Lessons: For each chapter, you are expected to review the chapter, and work through the entire mini lesson in MOER. This will help you learn the material and prepare you for the homework assignments. Late lessons will only be accepted until the next exam (midterm or final). You must use late passes to extend deadlines. Mini lessons are worth 10% of your final course grade.

Online Homework: You are expected to complete weekly homework assignments to practice course content. Online homework assignments are completed using MOER. It will benefit you to write out the homework problems and show your work. Assignments and due dates will be posted in MOER. The Online Homework is worth 15% of your final course grade. Late homework will only be accepted until the next exam (midterm or final). You must use late passes to extend deadlines.

Homework Quizzes: End of chapter homework quizzes will be assigned in MOER over each chapter and will cover the material you practiced in your homework assignments. They are worth 15% of your final course grade. Quiz dates will be announced in MOER. Late quizzes will only be accepted until the next exam (midterm or final). You must use late passes to extend deadlines.

Midterm and Final Exam: There will be a midterm exam and a final exam, each worth 30% of your grade (for a total of 60%). Make up exams will only be granted in extreme circumstances, with documentation, and must be approved BEFORE the missed exam. DO NOT wait until after the missed exam to contact me. If you are unable to attend the exam at the date/time provided, you must make other arrangements with me AT LEAST ONE WEEK PRIOR to the exam date. The exam dates and times are posted in MOER on the course calendar. Exams not taken by the class exam date may be assessed a late penalty of 20%, or may be given a score of 0, depending on unique circumstances. Any exams not completed by 3 days past the due date will be given a score of 0 and may result in being withdrawn from the course.

Student/Instructor Interaction

In this course, you can expect regular and substantive interaction (RSI) that aligns with Scottsdale Community College's mission to provide challenging and supportive learning experiences and the US Department of Education's requirement for regular and substantive interaction (RSI) for online courses. My commitment to your success includes the following:

- Being available for student support hours as stated in the syllabus.
- Sharing weekly information about the course materials, including key information, explanations, examples, and resources via in-person, recorded, and/or text-based lectures.
- Providing group or individual feedback regularly on assignments.

- Promptly responding to student questions about the course sent via email, MOER messaging, or the Canvas inbox.
- Regularly posting announcements about the course content and activities.
- Monitor your academic progress and communicate concerns, as needed.

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 Thursday. If you post a question or message, be aware that after 5 pm on Thursday 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.

Tutoring

SCC's tutors are available online to help with your courses. You may work with an SCC tutor remotely using Google Meet, your phone, or email. Visit the Tutoring & Learning Centers page for detailed information on the five learning centers' hours and procedures.

If you need to work with a tutor outside regular hours, online and hybrid students now have access to a 24/7 online tutoring service called Brainfuse. To access Brainfuse and begin working with a tutor, visit the SCC Online Tutoring Services Through Brainfuse page.

MCCCD Policies

MCCCD is committed to providing a safe, fair, and accessible environment for all students. This includes laws such as the ADA and Title IX, which protect against discrimination. These statements explain your rights, available support, and where to go for help or more information. Please review the following policies:

Classroom Accommodations for Students with Disabilities

Addressing Incidents of Title IX Sexual Harassment

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.