



Course Information

Semester & Year:	Spring, 2025
Course Title:	College Mathematics
Course Prefix & Number:	MAT 140
Section Number:	29821
Credit Hours:	5
Start Date:	01/28/2025
End Date:	05/09/2025
Room Number:	CM 471
Meeting Days:	Tuesday and Thursday
Meeting Times:	10:30 AM to 12:55 PM

Course Format

The course format for this course is In Person. We will meet on Campus Tuesdays and Thursdays in CM-471 at 10:30 AM to 12:55 PM from January 28, 2025 to May 9, 2025. Students are required to have access to a computer or mobile device on which they can download software or apps, and Internet access, unless otherwise specified.

A graphing calculator is required for this course. A TI-83 or TI-84 is strongly recommended. Calculators with a CAS (Computer Algebra System) are not allowed. All textbook and course materials available at no or low cost (<\$40) - may include OER (Open Educational Resources).

Instructor Information

Instructor:	Atom Uda
Email:	atom.uda@scottsdalecc.edu
Phone:	480-423-6581 (SCC Math Front Desk)

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

Text: College Mathematics, Scottsdale Community College, 4th edition OER 2020, ISBN: 978-1-63434-925-3. The instructor RECOMMENDS you purchase a printed copy of the textbook (***digital copies can be accessed for free on MOER***).

Online Course Management System: This course uses MOER, an Online Course Management System developed by David Lippman and the State of Washington. 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.

The following Course ID and enrollment key are required to enroll in the course

Course ID: 20529

Enrollment Key: 29821

Calculator Requirement: A graphing calculator or graphing calculator app is required for this course. The instructor strongly recommends a TI-83+/TI-84+. If you choose not to purchase one, you can rent one for \$10 per semester from the Media Center in IT. 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. 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 for exam proctoring. 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.

- Canvas Learning Management System
- Student Maricopa Gmail Account
- Maricopa Open Educational Resource Learning System (MOER)

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 an In-Person course, but it 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 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 may result in being withdrawn from the course.**

Withdrawing from the Course: If it becomes necessary for you to withdraw from the class, you must submit proper forms at the Admissions Office. The last day to withdraw **without** an instructor's signature is Saturday, March 4, 2023. The last day to withdraw **with** an instructor's signature is two weeks before the Final Exam which is Friday, April 27, 2023. Additional information on withdrawals can be found in the College Catalog.

Syllabus changes. The instructor reserves the right to make changes to the syllabus. A message will be sent using MOER messages, Canvas messages, and/or email communication to address the change to the syllabus.

Math/Science Tutor Center: Free tutoring, calculator assistance, and computers are available 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.

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:

Assignment Name	Number of Assignments	Percent of Grade
Mini Lessons	12	5%
Interactive Lessons	12	5%
Online Homework	14	13%
HW Quizzes	12	12%
Participation	14	10%
Midterm Exam	1	25%

Interactive and Mini Lessons: For each chapter, you are expected to read the chapter, watch mini lesson videos online, and complete mini lesson problems in MOER. This will help you learn the material, and prepare you for the homework assignments. Interactive and Mini Lessons are worth 10% of your final course grade.

Online Homework: You are expected to complete weekly homework assignments. These assignments are completed online 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 13% of your final course grade. **No make-up homework or late homework will be accepted, but the lowest 2 homework scores will be dropped.**

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 12% of your final course grade. Quiz dates will be announced in MOER. **No make-up quizzes will be given, but the 2 lowest homework quiz scores will be dropped.**

Participation: Participation and attendance are not the same. You will be expected to complete and submit assignments during class. Therefore, if you miss class, you would be able to complete the work to earn the participation points.

Exam Reviews: There is a midterm exam review and final exam review you should complete. The two assignments are worth 3% of your final course grade.

Midterm Exam: There will be a midterm exam worth 30% of your grade. Make up exams will only be granted in extreme circumstances and must be approved BEFORE the missed exam. DO NOT wait until after the missed exam to contact me. Failure to adhere to this policy may result in a grade of zero for the missed exam. The Midterm Exam will be announced during class and stated on the calendar in MOER.

Final Exam: There is a final exam for the course, worth 30% of the course grade. The Final Exam will be announced during class and stated on the calendar in MOER. There is no make-up exam for the Final Exam. Failure to complete the Final Exam will result in a grade of zero and a failing grade for the course. The Final Exam must be completed to earn a passing grade for the course. The exception to receiving a grade of W and not a failing grade is that you miss the Final Exam for a District-Approved reason. You will be required to submit documentation to prove that your reason for missing the Final Exam is a District-Approved reason.

Response Time

Your instructor will respond to 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.

Attendance Policy

SCC policy states that you may be withdrawn from the course by the instructor after three unexcused absences. The in-person attendance is important and may result in a withdrawal from the course for consist absences. Attendance in an online classroom involves consistent and regular progress on the course assignments. Failure to complete at least one unit each week may result in being withdrawn from the course. I am required to withdraw students for failing to complete work for 14 days. Attendance in-person and online assignment completion will be taken into consideration before withdrawing students.

Instructional Contact Hours (Seat Time)

This is a five (5) credit-hour, 14-week course. According to the Federal Credit Hour Definition, students should expect to spend at least sixteen (16) hours on instruction and online course assignments weekly.

Online 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 [SCC Tutoring & Learning Centers](#) page for detailed information on the five learning center's hours and procedures.

As much as possible, it is highly recommended that you utilize SCC tutors since they are more familiar with SCC coursework, instructor expectations, and assignments; however, 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. Brainfuse provides online tutoring in a variety of academic subjects. Each student may utilize up to 6 hours of online tutoring through Brainfuse per semester, and has the option of requesting additional time if needed.

To access Brainfuse and begin working with a tutor:

1. Visit the [SCC Online Tutoring Services Through Brainfuse](https://www.scottsdalecc.edu/students/tutoring/online-tutoring) page (https://www.scottsdalecc.edu/students/tutoring/online-tutoring)
2. Click the **Visit a tutor online** button
3. Enter your MEID and password
4. Choose your topic and subject
5. Click the **Connect** button

Please use your time effectively and be prepared with your questions before you connect to a tutor. Tutors and students communicate in real-time so whatever you type, draw, or share on the screen, the tutor sees, and vice versa. You may also want to have screenshots ready if applicable. All Brainfuse sessions are recorded for review later.

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.

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.