

MAT114: College Algebra Prep – Section 25940

1/17/2023 – 3/10/2023



**SCOTTSDALE
COMMUNITY COLLEGE**

A MARICOPA COMMUNITY COLLEGE

Course Information/Format

Format: This is an online course offered through MOER (not Canvas). There are 2 proctored exams, a midterm and a final. More information can be found later on in the syllabus.

Credit Hours: This is a four (4) credit-hour course. Due to the accelerated schedule (8 weeks instead of 16) Plan to spend at least 8 hours on course content (equivalent to what would be in-class time or direct instruction) and 15 hours on homework and assessments weekly. Together that is about 22 hours of work per week for the average student.

Prerequisites

Prerequisites: There are no prerequisites for this course.

Calculator Information

A graphing calculator is required for this class. The TI83/84 graphing calculator is the recommended calculator.

- Contact the SCC Media Center at (480) 423-6652 for information on renting a TI83/TI84 (cost \$10 per semester).
- Calculators with Computer Algebra System (CAS) features are not allowed during exams (for example the TI-Nspire CAS).
- You may NOT use your cell phone as your calculator during exams.

Disability Resources and Services (DRS)

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

Instructor Information

Instructor: Donna Slaughter, donna.slaughter@scottsdalecc.edu

Phone: TEXT: (920) 485-1205

Office Hours: Office hours are posted in our online course.

Course Description

Proper use of function notation, average rate of change of functions, and evaluating arithmetic and algebraic expressions. Analysis of linear and quadratic equations, and their applications; graphs of linear and quadratic functions; operations on polynomial expressions.

Course Objectives

MCCCD Official Course Competencies

1. Perform operations to evaluate expressions that include integers, fractions, decimals, exponents, and radicals, including the order of operations.
 2. Evaluate arithmetic and algebraic expressions.
 3. Simplify expressions involving integer and rational exponents.
 4. Perform operations on polynomial expressions.
 5. Write polynomials in factored form.
 6. Graph and determine domain, range, and other key characteristics of functions, including linear and quadratic functions.
 7. Demonstrate the proper use of function notation.
 8. Determine and interpret the average rate of change of linear and quadratic functions.
 9. Solve linear and quadratic equations (including those with complex solutions) using multiple methods and represent solutions exactly and approximately.
 10. Solve linear inequalities in one variable and represent solutions graphically, algebraically, and in interval notation.
 11. Model, analyze and interpret real-world problems using linear and quadratic functions.
 12. Given sufficient information or data, write a linear equation.
 13. Solve systems of linear equations in two variables.
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Texts, Course Materials and Technologies

1. Text: Foundations for College Algebra Student Workbook, Author: Bohart
ISBN: 9781634349277

You will have access to the workbook in the MOER system for free. If you have access to a printer, you can print the required pages, however, the recommendation is to purchase the workbook from the SCC bookstore in order to have access to easily be able to write and transcribe the course videos.

2. Technology: MOER Account (FREE)

This course uses MOER, an Online Course Management System developed by David Lippman and the State of Washington. All of the Online Homework and Media Lessons 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/>

3. A Graphing calculator is required for this course. The TI-83 or TI-84 is highly recommended.
4. Regular and Reliable Access to the Internet
 - You will need regular access to a computer or other device (with Internet access) in order to complete the online assignments that are part of this course.
 - You are responsible for completing all assignments by their due dates regardless of any computer or Internet issues that may occur. Have a backup plan in case something happens to your computer or Internet.
5. WebCam, Speakers and Microphone
 - If you plan to test using the ProctorU service, you will need access to a webcam, speakers and microphone (or headset) for those exams.

Students are responsible for the information contained in this syllabus and the **College Policies & Student Services** page found in the First Steps module of the associated Canvas course (Canvas is not used to deliver this class, however, some general college information is housed in the Canvas site associated with this class). Students will be notified via MOER messaging or announcements of any changes in course requirements or policies.

Course Technologies

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

This course does not utilize Canvas. For help or issues with MOER, contact your instructor.

For other SCC technology-related issues, contact the SCC Help Desk

- Contact the SCC Help Desk at (480) 423-6274.

Maricopa Systems

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

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

Streaming Media/Audio/Video Tools

This course delivers video lectures through YouTube.

Exam Proctoring Tool

ProctorU

ProctorU allows test-takers to take a supervised exam on demand or by appointment. SCC has adopted ProctorU as the option for remote proctoring services for our online courses. The midterm and final exams for this course are proctored. If you choose to utilize ProctorU, you will be supervised through a webcam and screen sharing technology when you take your exam. You may test your computer and webcam at the [ProctorU Testing Your Equipment](#) page. For your reference, read the [System Requirements for ProctorU](#) and [ProctorU Terms of Service](#). ProctorU is a fee-based service with the following [ProctorU Pricing Plan](#). For Spring 2023, the College is *paying ProctorU exam fees for students.

*NOTE: The College will only pay ProctorU fees for exam appointments made AT LEAST 72 hours (3 full days) prior to the scheduled exam time. If you schedule, or reschedule, your exam within 72 hours of the time you intend to test you may be charged an additional fee, which is NOT covered by the College. You can find additional details about these fees [here](#).

More on Proctored Exams: Your instructor will schedule on-campus options for you to come and take your midterm and final exam. The preference is for you to attend one of these sessions and take your exam in that environment if possible. If not, your next option is ProctorU OR the SCC testing center. You must work with your instructor on one of these alternate options if you are unable to attend the on-campus proctoring time. You may also choose another school that has a testing center but you must do the legwork to set up your appointment there and notify your instructor of a direct email to that location at least 2 weeks in advance of the exam.

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.

Grading Standards & Practices

Your Grade is based on the following 4 categories.

Online Assignments 40% of your grade (Media Lessons, Online HW, Lesson Tests, Reviews, Written Work, and Orientation assignments)

Midterm Exam 30% of your grade

Final Exam 30% of your grade

Grading Scale: 90-100% A 80-90% B 70-80% C 60-70% D 0-60% F

NOTE: Students who do not make other arrangements in advance and do not take an exam (midterm or final) at the scheduled time may earn a withdrawal from the course.

Grade of Incomplete: The grade of I is exceptional and given only to students whose completed coursework has been qualitatively satisfactory but who have been unable to complete all course requirements because of illness or other circumstances beyond their control. The grade of I may be considered only for students who have completed at least 85 percent of the total coursework requirements with a grade of C or better. The student must request an I before the end of the semester. The faculty member retains the right to make the final decision on granting a student's request for an I even though the student may meet the eligibility requirements for this grade. If the request is approved, the faculty member will determine a deadline for completion of missing work and the grade the student will receive if the work is not completed on time.

Academic Misconduct in this class

The current SCC College Catalog has a large section concerning penalties for academic misconduct (a.k.a....cheating). If you are caught cheating, you can be expelled from SCC. All Lesson Tests should be done on your own although you may use your notes and workbook during these assessments.

For Online HW, you may work together or get help from others but do so judiciously. Remember that YOU are the one who must perform on the midterm and final (which count for a large percentage of your grade) and in your next math class. If you get too much help with assessments along the way, you will not be as well able to stand on your own going forward.

Response Time

Students can expect a response time of 24 hours for the instructor to respond to messages sent via the messaging system in MOER(M – F). The instructor may not respond during weekends. Students can expect assignments to be graded within 48 hours (or less) of the assignment's due date.

Remote Math Tutoring

SCC's Math Center tutors are available online and utilize Google Meet to help with your courses. Visit the [Math Center](https://www.scottsdalecc.edu/students/tutoring/math) <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. Note that Brainfuse is not affiliated with SCC and is a proctoring service paid for by the college.

Attendance Policy & Withdrawals

Attendance

Attendance in an online classroom involves consistent and regular progress on course assignments. This is not a self-paced class. You must complete assignments and make regular progress or you may be withdrawn.

Withdrawal/Drop Policies Specific to This Class

- There are initial class orientation assignments that must be completed right away to avoid being dropped. Failure to complete these by the deadlines provided by your instructor may result in being dropped. See MOER for more information.
- Students that do no work in MOER for THREE days may be withdrawn.
- Students that fail to take the midterm by the deadline may be withdrawn.
- Students that fail to take the final exam by the deadline may be withdrawn.

If you find that you need to withdraw from the course, please speak to your instructor about it first. They may be able to recommend other options or discuss alternative courses of action concerning future classes.

NOTE: Students that take the final will earn a letter grade (A, B, C, D, or F) for the course. The only way a letter grade can be earned in the class is if both the midterm and final exams are taken.