



Spring 2025

Course Information

Course Title: Brief Calculus

Course Prefix & Number: MAT 212

Section Number: 34020

Credit Hours: 3

Course Format

The course format for this course is Online, 03/17/2025 – 05/09/2025

Instructor Information

Instructor: Amy Volpe

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Phone: 480.423.6035

Office Location: CM-403

Course Description

Description: Introduction to the theory, techniques and applications of the differential and integral calculus of functions with problems related to business, life, and the social sciences.

Prerequisites: A grade of C or better in MAT15+, or MAT187, or MAT188, or an appropriate District placement.

Course Competencies

1. Find derivatives of functions using both the definition and theorems. (I)
2. Use the derivative to solve and analyze application problems related to business, life, and the social sciences. (II)
3. Use technology to model, solve, and analyze problems related to real-world applications. (II, IV)
4. Find the integral of functions using theorems. (III)
5. Use the integral to solve and analyze application problems related to business, life, and the social sciences. (IV)

Texts, Course Materials and Technologies

A workbook and textbook are available as pdfs for free in the online learning system MOER.

Technology:

1. MOER Account (FREE)

This course uses MOER, an Online Course Management System developed by David Lippman and the State of Washington. All the Course Materials 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/> Once you have an account, you can enroll in the course using the information below.

Course ID: 20883

Enrollment Key:1234

2. Calculator: 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.

3. Computer: You will need regular access to a computer (with Internet access) in order to complete the online assignments that are part of this course. Your computer will need a web-cam for the proctored online testing. The labs and computer locations on campus may be used to access your online work (IT-100 computer lab, library, LC 371 Writing Center lab, Math Tutoring Center). You will need to have an SCC Network Login account to access the computers on campus.

4. **Email:** Your Maricopa Email address is part of your account automatically as an SCC student. I will primarily contact you via email and MOER. You can forward your Maricopa Gmail to another account, as you prefer.

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.

Late Passes

- Students are given 15 late passes at the beginning of the course.
- Each late pass extends a single homework assignment by 48 hours from the due date.
- There is not a penalty to your assignment score when using a late pass.
- You may only use **one late pass per assignment**. No assignments may be completed for credit more than 2 days after the due date.
- Once you are out of late passes, you may not complete any late assignments for credit.
- Late passes cannot be used on exams.
- Late exams may be approved by the instructor and will receive a 15% penalty per day late. Email or message your instructor if you would like to request a late exam with a penalty.

Grading Standards & Practices

The information below explains the structure of the course, requirements, and grading procedure.

- 1) There are 11 Modules in this course.
- 2) For each Module, you will complete one or two sections that require an online lesson and a homework assignment. In addition, you will complete a Module quiz for each module.

There are 2 proctored exams for this course. They must be taken by the dates indicated in the course calendar in MOER.

- 3) Students who do not complete both Exams will earn a grade of W.

Required Assignments	Number of Assignments	Percent of Total Grade
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1. Online Lessons	19	10%
2. Homework (and Exam Reviews)	21	15%
3. Module Quizzes	11	25%
4. Midterm Exam	1	25%
5. Final Exam	1	25%

Grades are updated continually and visible in the MOER Gradebook section. Check there often to see your overall percent in the course. Final letter grades are assigned as indicated below.

Course Grade: A	90% – 100%
Course Grade: B	80% – 89.9%
Course Grade: C	70% – 79.9%
Course Grade: D	60% – 69.9%
Course Grade: F	Less than 60%
Course Grade: W	See Withdrawal section of Syllabus

Response Time

Students can expect a response time of 24 hours for the instructor to respond to messages sent via MOER, Canvas Learning Management System, or email. Students can expect assignments to be graded within 48 hours of the assignment’s due date.

Attendance Policy

Attendance in an online classroom involves consistent and regular progress on the course assignments. Failure to complete two assignments may result in being withdrawn from the course.

Instructional Contact Hours (Seat Time)

This is a three (3) credit-hour course. Plan to spend at least three hours on course content or seat time (direct instruction) and twelve hours on homework weekly. Accelerated courses will require additional time per week.

Student and 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 during regularly scheduled student support hours.

- Sharing weekly information about the course materials, including key information, explanations, examples, and resources via recorded, and/or text-based lectures.
- Promptly responding to student questions about the course sent via email, or MOER messaging.
- Regularly posting announcements about the course content and activities.

Withdrawal Policy

Class Policies

- 1) Failure to complete your orientation exercise and testing options assignment with 100% in MOER by Thursday, 3/20/2025, will result in being dropped from the course.
- 2) Students who do not complete the 2 online exams will be withdrawn.
- 3) Students who fall behind schedule by more than one Module may be withdrawn.
- 4) Students who do not complete any work in MOER for 10 consecutive days (and are behind schedule) may be withdrawn.

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

College Policies

- 1) Student may initiate an official withdrawal from any course by submitting a withdrawal form with required signatures to the A&R office within published deadlines.
- 2) Failure to attend any classes is not a guarantee for a refund or an excuse of debt incurred through registration. See Refund Policy in the [2019-2020 College Catalog](#) page 241.
- 3) Official date of withdrawal is last date of attendance as determined by student's withdrawal or as reported by the instructor.
- 4) The official date of withdrawal will determine degree of refund, if any.
- 5) Failure to file an official withdrawal form within published deadlines can result in a failing grade and may affect refund of course tuition and fees.

Technology Statement(s)

Third-Party Learning Tools

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, submit work and/or download information from these tools. Inherent with all internet-based tools, there is risk that individuals assume when electing to use the products and services made available by these tools, as they may place information at risk of disclosure.

In this course, we will use MOER and Respondus Lockdown Browser + WebCam 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 the third-party tools responsibly, please observe all laws and the Maricopa Community College District [Student Conduct Code](#). Some specific aspects of law and conduct code to remember are prohibitions against copyright infringement, plagiarism, harassment or interferences with the underlying technical code of the software. As a student using a third-party 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 the third-party learning tool constitute an educational record. By using the third-party 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.