

MATH 24/124 CO-REQ COLLEGE ALGEBRA
Section 0107 FALL 2025 MW 11:30-1:40 PM
Truckee Meadows Community College
Course Syllabus

MML Course ID: burzynski17801

COURSE OBJECTIVES: This course presents topics in methods of solving linear, quadratic, polynomial, exponential equations and inequalities as well as methods of solving logarithmic equations. Also included are operations on matrices and solutions to systems of linear equations using matrices. Topics in sequences and series are also included. **NOTE:** This course does NOT serve as a prerequisite for MATH 127 nor is it sufficiently rigorous for entry into calculus.

PREREQUISITE: Math 96 with a grade of "C" or better

FALL 2025: Monday, August 25 through Sunday, December 14

SECTION 0107: 5 Credits

OFFICE LOCATION: Classroom Vista 110

INSTRUCTOR: Denny Burzynski

Email at dburzynski@tmcc.edu

Email me **only** through your Canvas account. I **cannot** reply to you through other accounts. Emails to me through your Canvas account assures me that it is actually you to whom I am replying.

TMCC Student Email

Once you are enrolled at TMCC, you will be assigned a TMCC email account. Your TMCC email is a key tool in your education; it is the primary communication method used by the College and your instructors to provide information about your classes and student account. Make plans to check it regularly to stay up-to-date on College news and class assignments.

Your TMCC Email Account

In order to ensure that all official information and communications from TMCC reach you via email and within [MyTMCC](#), TMCC has contracted with Google (via Gmail) to provide all students with an official [TMCC email account](#).

TMCC sends all official information to your TMCC email account, regardless of which email account you select in MyTMCC as your preferred email.

Your new student email address can be identified as: *username@mail.tmcc.edu*, where "username" is custom to you, and noted in your letter of acceptance. While attending TMCC, it is your responsibility to check your tmcc.edu email account regularly.

If you need assistance, please use the [self-service option](#) or contact TMCC's [online student support](#) to retrieve your username, reset your password or set your security questions.

OFFICE LOCATION: Classroom Vista 110

OFFICE HOURS: Room Vista 110 before/after class.

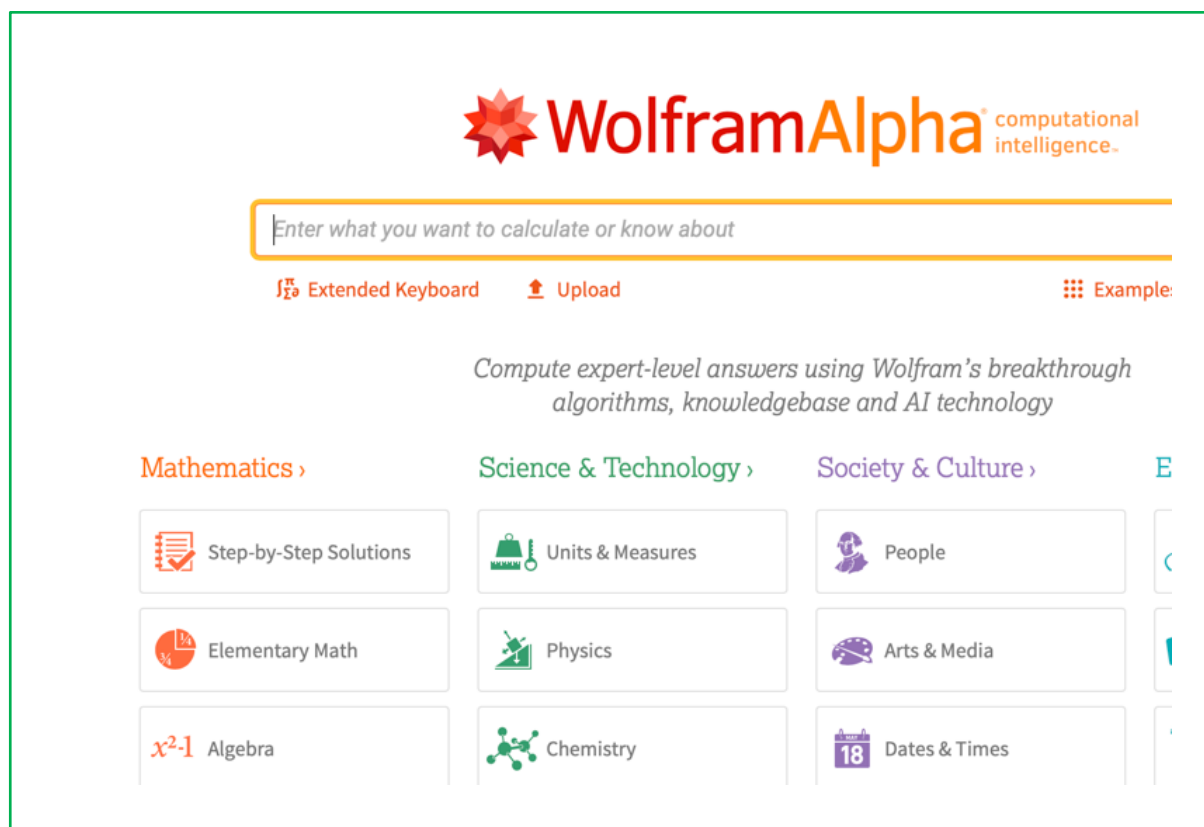
WEBPAGE: I have a webpage www.dennysmath.com

CALCULATORS: Although it may be expensive (\$100-\$135), the TI-83 or TI-84 graphing calculator from Texas Instruments is an exceptional tool for mathematical computations. I highly recommend the TI-84 Plus CE as it has all the functions we need. Other calculators will work, maybe just not as conveniently as the TI's (and your instructor probably does not know how to use it). **ALSO, a limited number of TI-84's are available to rent (\$25/semester) at the library circulation desk.** ← You don't need an 84 for the course, but you may find one helpful, especially when we get to the chapter on matrices. More details at [calculator rentals](#).

TECHNOLOGY: We will make significant use of technology, particularly the TI-84 Graphing Calculator, and the AI platform Wolframalpha (W|A) computational knowledge engine. I will show you how to use both of these. W|A is free. It is important that you be familiar with some technologies as some courses that require some mathematics will assume you can use it.

The technology we will use can be found at

www.wolframalpha.com



COURSE MATERIALS: The **course materials** we will use come in the *College Algebra MyMathLab package* from Pearson Publishing that you can purchase at the TMCC bookstore. **The package (envelope) contains the access number you need to enroll in our course.**

Create a Pearson account

Or access your existing student account

Navigate to your MyMathLab course

Enter our **Course ID: burzynski17801**

Follow a class link

If you already purchased an access code from the TMCC bookstore,
enter the code not. OR get a 14-Day temporary pass by

Scrolling to the bottom of the page

Select the link "Get temporary access without payment for 14 days"

Complete the process

Access your coursework

The eBook is all you will need. You do not need to purchase a hard-copy textbook for this course. You must, however, purchase a course ID to register into the **MyMathLab system**. The course ID is the only thing you will need to purchase for this course. If you get a temporary 14-Day pass, you must purchase the code before the end of the 14-Day free trial period. If you don't and your pass expires, none of your work is visible to your instructor (it's like you never enrolled).

COURSE OUTLINE: In the eBook, we will cover, in this order, sections
Chapter 1 Graphs, Functions, and Models
Chapter 2 More on Functions
Chapter 3 Quadratic Functions, Equations & Inequalities
Chapter 4 Polynomial and Rational Functions
Chapter 5 Exponential and Logarithmic F
Chapter 6 Systems of Equations and Matrices
Chapter 8 Sequences and Series

ORGANIZED AND COMPLETE WORK: A focus of this class is to show you how to construct and present convincing mathematical arguments. Right answers are good, but organization of your work is essential. On exams, you must show a logical sequence of steps that take one from the problem to the solution. Some problems are very simple and do not require much, if any, writing. But many require some description of how one would begin with the problem statement and, through a logical sequence of steps, arrive at a solution. **On non-elementary problems, you must show your work. No work, no credit.** To receive full credit for problems on an exam, your work must be readable, organized, logical, and correct.

CELL PHONES: Turn them off when you come into class.

CANVAS WEB PAGE: <https://tmcc.instructure.com/login/ldap>

Find help at [How do I get help with Canvas as a student?](#)

User Name: Your 10-digit NSHE ID

Password: Use the same password as you use to log into MyTMCC

Your Canvas page may look like this. Our information will be in the Math 24.124 folder.



Math 24.124 Fall 2025 Section 107

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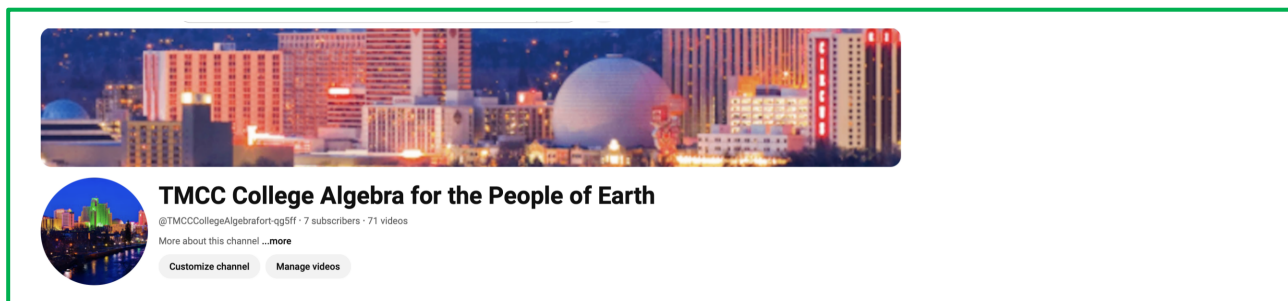
2025 Fall



YOUTUBE Videos: I have created videos and posted them on a YouTube channel. The videos show me working problems from our exercises sets. The problems in the MML Homework sets are similar (just different numbers) to the exercises in the textbook. I have tried to post examples that match the MML Homework problems. The videos are not the most exciting, but they just may help you through a problem.

The YouTube channel name is

[TMCC College Algebra for the People of Earth](#)



I really² recommend doing all are most of a HW set every day. The problems take some thought, and, waiting to the last day could cause you some stress.

You can bring and refer to your worked-out HW problems to each exam.

EXAMS: We will have an exam about every 3rd Wednesday.

Exam 1: Wednesday, September 10

Exam 2: Wednesday, October 1

Exam 3: Wednesday, October 22

Exam 4: Wednesday, November 12

Exam 5: Monday, December 8 (4th week from Exam 4)

Grades are based on exam scores, homework scores, and technology assignment scores. Each exam is valued at 50 points. There is a total of 250 exam points.

You may use your notes and homework on the exams. Each exam is valued at 50 points.

There will be **NO MAKE-UP EXAMS**. The lowest exam score or a missed exam will be replaced with the average (mean) of all the exam scores (with the exception of the final exam). The answers to each exam will be posted in the Files folder on CANVAS soon after the exam. Exams will be returned the next class meeting.

You can use your notes and homework as references on the exams. Organize them.

COMPUTATION OF COURSE GRADE:

Course percentage

$$= 0.70 * (\text{exam total}) + 0.20 * (\text{homework score}) + 0.10 * (\text{technology assignments score})$$

GRADING: Grading will be done on a percentage basis.

90-100%: A

87-89.99%: B+

80-86.99%: B

77-77.99%: C+

70-76.99%: C

60%-69.99%: D

Below 60%: F

HOW THE COURSE WORKS

Try reading the material in the textbook. Just try it. I know math textbooks can be challenging to read. Watch a presentation of the topic on our YouTube channel. Watch the example videos on our YouTube channel to see how I approach and solve the problems. Try the homework problems that are listed in the Homework Exercise sheet on Canvas. If you just can't work something out, send me an email **ONLY** through Canvas. Tell me the exercise number you are struggling with. If you do get stuck, you might first look for a video that is similar to your particular problem. I have tried to make videos that match just about every HW problem in the list.

Chronological Calendar for Fall 2024

- Monday, 8/25: First day of Instruction and first day of our class
- Friday, 8/29: Last day to add full-semester class by 11:59 pm
- Monday, 9/1: Labor Day Holiday, the campus is closed
- Thursday, 10/30: Last day to change to Audit
- Thursday, 10/24: Last day to withdraw from full semester classes and receive W grade
- Friday, 10/31: Nevada Day Holiday, the campus is closed
- Monday, 11/3: Priority registration for Spring 2026 begins
- Tuesday, 11/11: Veterans Day, the campus is closed
- Thursday-Sunday, 11/27-11/30, Thanksgiving Break, the campus is closed
- Monday, 12/8: Our final exam and Last day of our class
- Wednesday, 12/10: Exams returned and class grades available. Last day of class

Original Work: There will be zero tolerance for plagiarism and cheating. Using artificial intelligence, copying and pasting from the Internet or paraphrasing a few words is not an acceptable practice in college. Not knowing the rules for plagiarism will not be an acceptable excuse. If you are unsure about what it is and is not plagiarism, you can learn more about it by speaking to staff at a TMCC campus writing center or library or consulting the TMCC Library Services' Plagiarism guide: <https://libguides.TMCC.edu/research-101/cite>. The minimum sanction

for plagiarism is an F on the particular assignment; repeated offenses carry an F for the class as the minimum penalty.

Any instance of plagiarism will result in a failing grade for the assignment and may also result in further disciplinary action consistent with TMCC policies. If you are unsure about what constitutes plagiarism or how to properly cite sources, please consult with the instructor or refer to the course materials on academic integrity.

Artificial Intelligence (AI) language models, such as ChatGPT, generate responses based on the input they receive. Since those responses are not authored by the user, if a student submits an AI generated response as their own work without proper attribution or citation, it can be considered plagiarism.

To avoid plagiarism when using AI language models, students should treat them as a source of information and incorporate generated responses into their own writing while giving proper credit. This means that students should include citations for any information or ideas they use from models, just as they would for any other source.

Here are some guidelines to follow to avoid plagiarism when using AI language models:

1. Use an AI model as a starting point: Use it to generate ideas, but don't copy and paste the responses directly into your work. Instead, use the generated responses as inspiration and incorporate the ideas into your own writing.
2. Paraphrase and summarize: When incorporating information into your writing, paraphrase the information in your own words and summarize it. This will help you avoid plagiarism and ensure that you are using the information to support your own ideas.
3. Give proper credit: Whenever you use information from an AI language model, make sure to give proper credit by including a citation. This can be done by citing the AI model as the source of the information.
4. Understand your TMCC's plagiarism policies: Be sure to familiarize yourself with TMCC's Academic Integrity Policy and any guidelines to ensure that you are following the proper procedures for citing sources.

For example, here's how a citation and reference could be written for ChatGPT:

In-text citation:

According to ChatGPT, "insert the specific response generated by ChatGPT here" (OpenAI, 2023).

Reference list:

OpenAI. (2023). ChatGPT [AI language model]. <https://openai.com/product/gpt-4>

Note that the reference list entry includes the name of the AI language model (ChatGPT), the date (year), and the URL where the reader can find more information about ChatGPT.

Any instance of plagiarism will result in a failing grade for the assignment and may also result in further disciplinary action consistent with TMCC policies. If you are unsure about what constitutes plagiarism or how to properly cite sources, please consult with the instructor or refer to the course materials on academic integrity.

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5. Use an AI model as a starting point: Use it to generate ideas, but don't copy and paste the responses directly into your work. Instead, use the generated responses as inspiration and incorporate the ideas into your own writing.
6. Paraphrase and summarize: When incorporating information into your writing, paraphrase the information in your own words and summarize it. This will help you avoid plagiarism and ensure that you are using the information to support your own ideas.
7. Give proper credit: Whenever you use information from an AI language model, make sure to give proper credit by including a citation. This can be done by citing the AI model as the source of the information.
8. Understand your TMCC's plagiarism policies: Be sure to familiarize yourself with TMCC's Academic Integrity Policy and any guidelines to ensure that you are following the proper procedures for citing sources.

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TMCC Americans with Disabilities Act (ADA) Statement and Current Disability Resource Center (DRC) Contact Information

TMCC is committed to equal opportunity and access in education for all students, including those with disabilities. The TMCC Disability Resource Center provides support to students with documented medical, mental health, or learning disabilities and students who need support due to pregnancy. To register with the DRC, students should complete the new student application in the AIM DRC tile in GoTMCC. Students are encouraged to register with the DRC as early as possible in or prior to the start of the academic term. The granting of any accommodation will not be retroactive and cannot jeopardize the academic standards or integrity of the course. Please Note - Instructors are not allowed to provide classroom accommodations to a student until appropriate verification from the DRC has been provided. If you have questions, please contact the DRC

directly 775-673-7277 or visit <https://www.tmcc.edu/disability-resource-center> for additional information.

Statement of Safety or Risk Assumption if Applicable

Safety Procedures

Approved classroom safety procedures are posted in each classroom and are to be followed. Students are to familiarize themselves with the nearest exit to use during fire alarm exercises. Do NOT use the elevators during these drills. Students will take ALL personal belongings with them when exiting the building. No student will be allowed back into the facility until the all clear is given.

Policy on Objectionable Materials

Instructors have the responsibility to set and maintain standards of classroom behavior appropriate to the discipline and method of instruction. No objectionable materials or language will be used during this class. This includes all possible modes of the class: online and in person. The instructor will make the final determination regarding any objectionable materials or language. Students may not engage in activity the instructor deems disruptive or counterproductive to the goals of the class. Instructors have the right to remove offending students from that class session.

Pregnant Students

TMCC prohibits discrimination based on sex in education programs and activities. This prohibition on discrimination extends to pregnancy and related conditions—including childbirth, lactation, false pregnancy, termination of pregnancy, and recovery therefrom—as well as to parental and family status. If you are pregnant or a parenting student, and you are in need of accommodation because of your pregnancy or parental status, please let the instructor know as soon as possible. Accommodations are generally not retroactively applied.

Sex-Based Harassment and Discrimination

TMCC is committed to creating a safe and open learning environment for all students. In accordance with Title IX of the Education Amendments of 1972, TMCC prohibits unlawful sex-based harassment against any participant in its education programs or activities. Sexual-based harassment includes quid pro quo (this for that) harassment, a hostile environment, and criminal sexual violence (including sexual assault, dating/domestic violence, and stalking.) This prohibition applies to TMCC students, employees, and visitors. Incidents of sex-based harassment or discrimination should be reported to TMCC's Title IX Coordinator, Kim Studebaker
Director of Employee Relations, Equal Opportunity & Title IX
Title IX Coordinator
Red Mountain Building, Room 211
775-674-7502 Phone
775-674-7560 Fax
kstudebaker@tmcc.edu

Syllabus Disclaimer: The instructor may make changes to the syllabus during the semester. It is your responsibility to stay informed of these changes. You may contact the instructor during before/after class, time permitting. You may also wish to have a study partner whom you can contact if you miss class. Information contained in this syllabus, other than the policies on grading, late assignments and late exams, make-up work, and attendance, are subject to change with advance notice from the instructor.