



## Walters State Community College Course Syllabus

### Course Information

**Course Number and Name:** MATH 0030 Mathematics Learning Support

**Section ID:** 80618.202380

**Semester and Year:** Fall 2023

**Credit Hours:** 3

**Start Date:** August 21, 2023

**End Date:** December 08, 2023

**Course Format:** CON - Conventional Methodology

**Catalog Course Description:** A Learning Support Mathematics course including the topics of Real number sense, algebraic operations, analysis of linear equations and inequalities, systems of equations and systems of inequalities. Placement in the course is based on the college assessment and placement procedures. Corequisite: If placed in Math 0030, then students required to take MATH 1030, MATH 1530, or MATH 1630 must be jointly enrolled in Math 0030. **F, S, SU** 3 credit

**Meeting Details:** MW; 09:35AM - 11:00AM; ACAD 208

**Course Drop Deadline:** October 27, 2023

### Instructor Information

**Name:** Erin McCroskey

**Office Location:** ACAD 223

**Office Hours:** Posted in eLearn

**Office Phone:** 865-774-5825

**Email:** Erin.McCroskey@ws.edu

**Supervisor Name:** Chris Knight

**Supervisor Phone:** 423-585-6879

**Secretary Name:** Tammy Holt

**Secretary Phone:** 423-585-6864

### Required Textbook(s) and Materials

### Additional Information

This is a free, online open-education resource. More info will be provided on the first day of class.

## Supplemental or Optional Materials

TI-83 or TI-84 graphing calculator required for course – discuss with instructor if you own a different graphing calculator.

## Student Learning Outcomes/Objectives

•	<b>CO 1</b>	<b>Real Number Sense and Operations</b>
	<b>1.1</b>	Apply the order of operations to evaluate expressions.
	<b>1.2</b>	Perform operations with rational numbers. Determine the other equivalent forms of the number when given a fraction, decimal, or percent.
	<b>1.3</b>	Identify and calculate with irrational numbers (no need to numerically simplify radical expressions).
	<b>1.4</b>	Recognize and apply magnitude (absolute value) and ordering of real numbers.
	<b>1.5</b>	Solve real-world application problems, such as applying percent and expressing scientific notation.

	<b>CO 2</b>	<b>Operations with Algebraic Expressions (including polynomials)</b>
	<b>2.1</b>	Identify and simplify like terms.
	<b>2.2</b>	Evaluate algebraic expressions when given values for the variables.
	<b>2.3</b>	Use the distributive law to write equivalent expressions.
	<b>2.4</b>	Add, subtract and multiply polynomials.
	<b>2.5</b>	Simplify an expression involving integer exponents using the rules for exponents (no negative exponents).
	<b>2.6</b>	Solve real-world application problems.

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	<b>CO 3</b>	<b>Analyze Graphs (emphasis on linear functions and graphs, including inequalities)</b>
	<b>3.1</b>	Create a table of values and a graph for a given relation (may not be linear).
	<b>3.2</b>	Identify and interpret rate of change.
	<b>3.3</b>	Use and interpret function notation.

<b>3.4</b>	Analyze the graph of a linear function identifying the x-intercepts, y-intercepts, and slope.
<b>3.5</b>	Graph a linear equation in two variables using ordered pairs, using the x-intercept and the y-intercept, and using the slope and the y-intercept.
<b>3.6</b>	Write a linear equation in two variables when given information about its graph.
<b>3.7</b>	Solve real-world application problems.

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<b>CO 4</b>	<b>Solve Equations (emphasis on linear equations/inequalities)</b>
<b>4.1</b>	Solve a linear equation in one variable.
<b>4.2</b>	Solve a linear inequality in one variable and graph the solutions.
<b>4.3</b>	Solve formulas and literal equations for a specified variable.
<b>4.4</b>	Solve proportions that simplify to linear expressions.
<b>4.5</b>	Solve real-world application problems.

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<b>CO 5</b>	<b>Modeling and Critical Thinking (systems)</b>
<b>5.1</b>	Solve a system of equations by applying graphical methods (may be non-linear).
<b>5.2</b>	Solve a system of linear equations applying algebraic methods (using substitution or elimination).
<b>5.3</b>	Graph compound linear inequalities.
<b>5.4</b>	Solve real-world application problems.

## Instructional Approach and Methods

1. Regular attendance is mandatory for your success in this course. Attendance will be taken in every class. It is the student's responsibility to contact the instructor BEFORE each planned or school-sponsored absence.

2. In this course, participation will be evaluated with surveys, by assignments students will complete and submit via Dropbox in eLearn, and in other methods specified throughout the course.

3. Homework will be administered through the online package MyOpenMath. Homework assignments will have an unlimited number of attempts up to the date of the unit test. Homework assignments will not be extended beyond the unit test.

4. Quizzes will be administered in-class, through the online package MyOpenMath, or eLearn. For online quizzes, students have 3 attempts per quiz up to the date of the unit test. Quizzes will not be extended beyond the unit test.

5. Three, unit tests and a final exam will be given in class. Students will be allowed to make-up one missed test if they contact the instructor prior to the absence or within 24 hours of the absence. Students have one week to make up a test. Make-up tests may be administered virtually. The lowest test score will be replaced by the final exam, if it helps the student's overall grade.

6. There will be a comprehensive final exam. For financial aid purposes, students should plan to attend the final exam. The final exam for this course will be administered from **10:15am - 12:15pm on Monday, December 4th.**

## Assessment, Evaluation and Testing Procedures

Grade Composition:

Participation 5%

Homework Average 10%

Quizzes Average 15%

Unit Tests Average 50%

Final Exam 20%

Testing Procedures: Students will not be allowed to use any outside resources for tests and exams, such as but not limited to cell phones, class notes, or unapproved calculators. All tests must be proctored. More information about testing procedures will be discussed before the first test.

## Grading Scale

A	90-100%
B	80-89%
C	70-79%
D	none
F	0-69%

## Assignments

Assignments will be administered in-class, through the online resource MyOpenMath.com, or through eLearn. Students are responsible for keeping up with due dates for all online assignments. For more information, see the instructional approach and methods section of the syllabus.

## Academic Honesty

Faculty expect all students to refrain from acts of academic misconduct including but not limited to:

1. Plagiarism - refers to using another person's ideas or writing without giving proper credit to the original source. Indulging in this type of conduct will subject the student to disciplinary sanctions, which may be imposed through the regular institutional procedures of Walters State Community College as outlined in the Student Handbook. Plagiarism will result in a grade of "0" for the paper/exam/presentation. Student Conduct and Disciplinary Sanctions contained in the college Catalog/Student Handbook apply (see policy 04:18:02 Disciplinary Sanctions).

Plagiarism includes, but is not limited to the following:

- a. Using cut/paste tool from original document with no references given.
  - b. Copying another student's work and submitting it as one's own.
  - c. Forging or otherwise altering signatures.
  - d. Giving or falsifying academic documents or materials.
2. Cheating - construed as attempting to deceive or mislead which includes, but is not limited to the following:
    - a. Utilizing old tests, projects, notes or written papers.
    - b. Providing unauthorized information to a fellow student about exam content.
    - c. Receiving unauthorized aid from any source with quizzes, examinations, or other assignments.
    - d. Seeking information in an unacceptable manner during/preceding an exam or other assigned work (cheat sheet, verbal exchange, looking at another person's paper or electronic device, utilizing headphones, using textbook when the test/quiz is not an open book test/quiz, using textbook test bank etc.).
    - e. Consulting with a classmate or others when taking a computerized test.
    - f. Disregarding other specific policies and procedures outlined for a particular class.
    - g. Utilizing unapproved technology/electronic equipment during testing (i.e.: mobile devices such as cell phones, smart devices, or tablets, etc.).

- h. Using the same Internet Protocol network address (IP address) as another student for testing without approval from the course faculty.
3. The use of any generative artificial intelligence (AI) tool, such as OpenAI's ChatGPT, Google's Bard, or any other pre-trained language model (commonly referred to as "chatbot"), must be cited for any assignment where it has been used and may not be used unless specifically allowed by your instructor. Please see your instructor or the course policies within the syllabus if you have questions.

## Student Resources

### TUTORING SERVICES

Students in need of tutoring assistance are encouraged to contact the Office of Student Tutoring located as follows:

- Morristown Campus - Student Services Building Room L107 - (423) 585-6920
- Niswonger Campus - GRNV 226 - (423) 798-7982
- Sevierville Campus - MMH Room 210 - (865) 286-2787
- Claiborne Campus - Room 123A - (423) 851-4761

Specific tutoring assistance in mathematics and writing is available in-person and online as follows:

- Morristown Campus - English Learning Lab - HUM 120 - (423) 585-6970

[Walters State English Learning Lab \(opens in new window\)](https://www.waltersstate.edu/academics/humanities/writing-lab)  
[ws.edu/academics/humanities/writing-lab](https://www.waltersstate.edu/academics/humanities/writing-lab)

- Morristown Campus - Mathematics Lab - MBSS 222 - (423) 585-6872

[Walters State Mathematics Learning Lab \(opens in new window\)](https://www.waltersstate.edu/academics/mathematics/learning-lab)  
[ws.edu/academics/mathematics/learning-lab](https://www.waltersstate.edu/academics/mathematics/learning-lab)

### TECHNOLOGY SUPPORT

Students who need assistance with computing and technology issues should contact the IET Helpdesk by phone at Morristown: (423) 318-2742; Niswonger: (423) 798-8186; or Sevierville: (865) 286-2789 or on-line access.

[Walters State Helpdesk \(opens in new window\)](https://helpdesk.waltersstate.edu)  
[helpdesk.ws.edu](https://helpdesk.waltersstate.edu)

### STUDENTS WITH DISABILITIES SUPPORT SERVICES

Students with disabilities must register with Student Support Services each semester in the Student Services Building, Room U134 (phone (423) 585-6892) if they need any special facilities, services, or consideration.

[Walters State Student Support Services \(opens in new window\)](https://www.waltersstate.edu/student-services/disability/)  
[ws.edu/student-services/disability/](https://www.waltersstate.edu/student-services/disability/)

## **SUICIDE PREVENTION STATEMENT**

Walters State is committed to and cares about all students. Support services are available for any person at Walters State who is experiencing feelings of being overwhelmed, hopelessness, depression, thinking about dying by suicide, or is otherwise in need of assistance. For immediate help, contact the National Suicide Prevention Lifeline by calling or texting 9-8-8 or the Trevor Lifeline at 1-866-488-7386. Veterans may also contact the Veterans Crisis Line at 1-800-273-8255 (press 1) or Text 838255.

Walters State has a relationship in place with the following community agencies to provide services (may include crisis referral services, prevention screenings, etc.):

- Cherokee Health Systems 423-586-5032
- Frontier Health 423-467-3600

## **College Policies**

### **STUDENTS HANDBOOK AS OFFICIAL GOVERNING DOCUMENT**

This class is governed by the policies and procedures stated in the current Walters State Community College Student Handbook. All students attending Walters State Community College, regardless of the time, location, or format of the class, must abide by the rules and regulations outlined in the current Walters State Catalog/Student Handbook and the current Walters State Timetable of Classes.

[Walters State Catalog \(opens in new window\)](https://www.waltersstate.edu/catalog/)  
[catalog.ws.edu/](https://www.waltersstate.edu/catalog/)

[Walters State Timetable of Classes \(opens in new window\)](https://www.waltersstate.edu/admissions/registration/)  
[ws.edu/admissions/registration/](https://www.waltersstate.edu/admissions/registration/)

### **PURPOSE, LIMITATIONS AND MODIFICATION OF SYLLABUS**

This syllabus sets forth the expectations for the course content, work, and grading as well as expectations for student performance and conduct. The syllabus does not constitute a contract between the student and the instructor or the College. The information contained here is subject to

change at any time. The instructor reserves the right to modify this syllabus at any time with written notification to the students. Though changes are possible, it is expected that the course will be conducted as described in this syllabus for the semester/year specified in the Course Information section of the syllabus. This syllabus is only valid for the semester/year specified and course requirements are not guaranteed for future semesters.

## **COURSE GROUND RULES**

- Students must attend the first day of on-ground class or contact the instructor prior to the first class. Failure to do this may result in being dropped from the class. Excessive absences may substantially lower the course grade.
- Regular class attendance is a student's obligation for any course regardless of format. (See the Walters State Catalog/Student Handbook). If a student misses class, it is his or her responsibility to contact the instructor regarding missed assignments and/or activities and to be prepared for the next class assignment.
- Students enrolled in web courses must follow the course attendance policy defined for online attendance during the first week of class and throughout the term. Failure to do this may result in being dropped from the class during week one OR may result in the accrual of absences which may negatively impact the student's grade in the course.
- Students who have not paid fees on time and/or are not correctly registered for this class and whose names do not appear on official class rolls generated by the Walters State student information system (MyWS) will not be allowed to remain in class or receive credit for this course.
- Electronic devices must not disrupt the instructional process or college-sponsored academic activity. Use of electronic devices is prohibited unless use of the device is relevant to the activity and use is sanctioned by the faculty member in charge. Electronic devices that are not relevant to the activity or sanctioned by the faculty member in charge should be set so that they will not produce an audible sound during classroom instruction or other college-sponsored academic activity.

## **FINANCIAL AID**

Students receiving any type of financial aid or scholarship should contact the Financial Aid Office before making any changes to their schedule. Schedule changes without prior approval may result in loss of award for the current term and future terms.

All forms of student Financial Aid may be jeopardized or lost due to the lack of Satisfactory Academic Progress in one or multiple courses. Lack of Satisfactory Academic Progress may negatively impact a student's degree/certificate completion pace and further jeopardize Financial Aid eligibility.

## **CANCELLATION OF CLASSES AND ACADEMIC CONTINUITY**



For information related to the cancellation of classes due to inclement weather or other events, please check the Senators Emergency Text system or the college's Web site at:

[Walters State Homepage \(opens in new window\)](#)

[ws.edu/home/](http://ws.edu/home/)

[Walters State Facebook page \(opens in new window\)](#)

<https://www.facebook.com/WaltersState/>

[Walters State Twitter page \(opens in new window\)](#)

<https://twitter.com/waltersstate>

or call the college's student information line, 1-800-225-4770, option 1; the Sevier County Campus, (865) 774-5800, option 7; the Niswonger Campus (423) 798-7940, option 7; or the Claiborne County Campus, 423-636-6200, option 7. Also, please monitor local TV and radio stations for further announcements.

When an event or disaster interrupts the scheduled operations of the college and the ability to proceed with the academic course activities as planned, the college and your instructor may alter the course plan outlined in the syllabus. Should an event occur, students should refer to their course e-Learn pages and/or class materials previously delivered to receive guidance from their instructor. Students should continue to monitor the official college channels of communication listed in the above paragraph. If you would like to sign up for the Senators Emergency Text system, please go to the following Web site:

[Senator Emergency Text System \(opens in new window\)](#)

[ws.edu/set/](http://ws.edu/set/)

Dual Enrollment students attending on a high school campus should refer to the high school inclement weather cancellations.

## **LEARNING MANAGEMENT SYSTEM**

Brightspace (commonly known as eLearn or D2L) is the college's Learning Management System (LMS).

Brightspace is committed to accessibility by "deliver[ing] a learning experience that meets the needs of all people, regardless of age or ability." [Brightspace Accessibility Standard \(opens in new window\)](#)

Brightspace is also committed to guarding student data and privacy. [Brightspace Privacy Policy \(opens in new window\)](#)