

# Math 099 Course Syllabus

## Course Description

### **MATH 099 - Math Foundations**

Review of fundamental algorithms of whole numbers, integers, rational numbers, and elementary algebra. Students who are required to take MATH 099 must pass this course with a C- or better before successful completion of 24 hours of regular coursework. Letter grade will affect GPA as if MATH 099 were a three credit course, but these credits may not be used to fulfill the number of credits required for graduation. This course may not be used to meet the General Education requirement nor requirements for a major, a minor, or certification in mathematics. Remedial.

You must earn a C- or higher in MATH 099 to meet the prerequisite for MATH 102 or MATH 103.

**In accordance with the CSU Board of Trustees policy, you must place out of MATH 099 or complete this course with a C- or higher within the first 24 credits earned at CCSU, or face dismissal.**

### **The major goals of this course are:**

- To strengthen a growth mindset and flexible thinking in math and problem solving.
- To gain a deeper understanding of numbers and operations.
- To understand and apply mental math strategies for estimating and calculating without a calculator.
- To understand, analyze, and create models for algebraic reasoning and problem solving.
- To express relationships among quantities in symbolic algebra.
- To reason and problem-solve with proportions and percentages using models and symbolic algebra.
- To comprehend and use geometry formulas including creating formulas for measures of composite figures.
- To evaluate and apply appropriate units of measure in geometry.

## **Course Requirements**

You are required to:

1. Get a NEW workbook. Order it from the bookstore at least TWO WEEKS prior to the start of classes.

<https://central-ct.bncollege.com/shop/central-ct/page/find-textbooks>

There is no excuse for not having the workbook(s) on the first day of classes.

**You must get a NEW workbook.** The workbooks are for your new, written work. Your professor will be checking that your workbook is new.

2. Have access to a computer having the following minimum technological capabilities:

1.
  - a. A strong, reliable Internet connection
  - b. Google Chrome browser
  - c. Webcam and Microphone
  - d. Scanner - Adobe Scan App on a cellphone will suffice
  - e. Cisco Webex Extension
  - f. Proctorio Chrome Extension
  - g. Calculator - NON-graphing is fine but it must have logarithms (LOG/LN keys)

For technology issues contact the IT Help Desk at [\(860\) 832-1720](tel:8608321720) [techsupport@ccsu.edu](mailto:techsupport@ccsu.edu)

### IMPORTANT NOTES:

- All exams will be given on campus during the normally scheduled class time. There will be NO ONLINE EXAMS.
- In the unlikely case that all classes must be moved online, exams will be given remotely and proctored with the Proctorio Extension for Chrome. Therefore, you must have the technology required to use it. (See above.)
- All students will be required to take a Diagnostic Test in the first weeks of class using Proctorio. Completion will count for your participation, but the score will not count towards your grade.

For issues with Proctorio Extension contact <https://proctorio.com/support>

## **Contact information**

Instructor: Ania Knuth

Email address: [knuth@ccsu.edu](mailto:knuth@ccsu.edu)

Office hours: MW 11:25-12:10pm

## Assessment/grades

You must earn a C– or better in this course in order to satisfy the prerequisite for MATH 102 and MATH 103.

To pass this course with a grade of C- or higher, you must satisfy ALL of the following:

- pass every online homework quiz with 60% or higher,
- pass the final exam with 60% or higher,
- earn an overall course average of 70% or higher.

### Minimum Course Average Required:

Letter Grade	A	A –	B +	B	B –	C +	C	C –	D +	D	D –	F
Minimum %	93	90	87	83	80	77	73	70	67	63	60	< 60

**NOTE 1: If one or more of your homework quizzes or your final exam score is below 60%, then the highest final grade you can earn is D+, regardless of the overall course average.**

### **HOMEWORK - 20%**

Homework makes up **20%** of your final grade and consists of online homework quizzes and may also include written assignments and quizzes, class participation, etc. Each online homework quiz has a due date and a time limit, but may be reattempted an unlimited number of times. As long as an online homework quiz is attempted once before the due date, you are allowed to continue making attempts on it after the due date to improve your grade. The online homework quizzes are part of your assessment in this course, like exams, but they are also a way to prepare for exams. You should be able to earn 60% or better *on your own* on the online homework quizzes in order to be prepared. If you are having trouble achieving these scores on your own, get help immediately. Be proactive! Don't wait!

### **IN-CLASS EXAMS - 50%**

There will be 4 in-class exams during the semester, **each worth 12.5%**.

### **FINAL EXAM - 30%**

The Final Exam is on campus during the university-scheduled exam time and counts for **30%** of the final grade.

NOTE 2: Cheating is a serious offense that may result in your removal from the university. All instances of academic misconduct will be reported to the Office of Student Conduct.

NOTE 3: Showing and explaining work will be the core of your assessment. During the exam, you cannot give or receive any help nor use any device or formula sheets, except for a calculator when allowed.

NOTE 4: You are NOT allowed to reproduce or repost exams or other teaching materials! It is illegal.

## **EXTRA CREDIT and MAKEUP POLICIES**

**There are NO makeups and NO extra credit to improve an exam grade or the course average.**

If you miss an exam for any reason, there is NO makeup. If an exam is missed during the semester, the final exam will be used to replace the grade only ONCE. If you miss more than one exam then zeros will be entered for all missed exams after the first one.

Exam scores stand as originally graded. There will be no extra credit or other assignment by which you can bring up an exam score.

Here is the university policy for incomplete work:

"If circumstances beyond the student's control prevented the student from completing certain work or caused the student to miss the final exam, a faculty member MAY issue a final grade of Incomplete. The INC grade will change to an F grade eight weeks into the following semester for undergraduates and after one year for Graduate students."

Students must provide proof of extenuating circumstances beyond their control (hospitalization for example) in order to ask for an Incomplete.

### **Course expectations**

- **Attend and participate** in every class, and **be on time**.
- **Come to class prepared** with your workbook, notebook, folder, calculator, and pencils/pens. Bring specific questions!
- **Turn phones off and put them away**. They should be out of sight and mind (not in your lap/pocket!) so you can focus on class.
- **Watch all videos carefully and take notes** - you'll likely have to review parts of them more than once to learn deeply.
- **Make repeated attempts on all homework** assignments; take quizzes and tests as scheduled.
- **Take responsibility** - complete all your work and keep to a schedule so that you do not fall behind.
- **Put in at least 6 hours every week outside of class** to watch videos, do homework and to study.

If you are having trouble with the class, first ask yourself,

*"Am I putting in at least 6 hrs./wk.?"*

*"What else can I do to understand the material on my own?"*

*"What specific questions will I ask in class?"*

### **Academic Integrity:**

All students are expected to demonstrate integrity in the completion of their coursework. Academic integrity means doing one's own work and giving proper credit to the work and ideas of others. It is the responsibility of each student to become familiar with what constitutes academic dishonesty and plagiarism and to avoid all forms of cheating and plagiarism. Students who engage in plagiarism and other forms of academic misconduct will face academic and possibly disciplinary consequences. Academic sanctions can range from a reduced grade for the assignment to a failing grade for the course. From a disciplinary standpoint, an Academic Misconduct Report may be filed and a Faculty Hearing Board may impose sanctions such as probation, suspension or expulsion. The Department of Mathematical Sciences rigorously enforces this policy. Don't cheat; it's not worth it.

For further information on academic misconduct and its consequences, please consult the Student Code of Conduct (<http://www.ccsu.edu/StudentConduct/codeofconduct.asp>) and the Academic Misconduct Policy (<http://www.ccsu.edu/AcademicIntegrity/>).

**Student Behavior** - Taken from the BOR/CSCU STUDENT CODE OF CONDUCT

<https://web.ccsu.edu/studentconduct/files/Student%20Code%20of%20Conduct%201.15.15.pdf>

*All members of CSCU must at all times govern their social and academic interactions with tolerance and mutual respect...Because of the BOR's and CSCU's commitment to principles of pluralism, mutual respect, and civility, certain activities are not acceptable on CSCU campuses.*

Please be aware that any violations of this Code of Conduct will result in a report of misbehavior to the Office of Student Conduct. Severe violations can result in dismissal from CCSU.

### **Calendar of Important Events**

Here is the link to the CCSU Academic Calendar

: <https://webcapp.ccsu.edu/?mm=universityCalendar>

Classes meet every MWF at 12:15-1:25pm in Ebenezer D. Bassett Hall, room 211.

Last day to withdraw from university and get 100% refund (full-time students) **August 25**

Classes begin on **August 26**

Last day to drop course and get 100% refund (part-time students) **September 1**

Last day to drop course without a "W" **September 15**

**Exam 1** on Monday, **September 27**

**Exam 2** on Monday, **October 25**

Last day to withdraw without permission on Monday, **November 17**

**Exam 3** on Wednesday, **November 17**

**Exam 4** on Friday, **December 3**

Last day of classes on **December 7**

**Final Exam** Monday, December 13 10:30am-12:30pm

### **University policies**

<https://www.ccsu.edu/diversity/policies/index.html>