



# Amazing Math Classroom

Dani Krueger

Room 141

dkrueger@csdk12.net

Work: 715.762.2474 ext 2245

Cell: 715-892-2259

<http://kruegermath.weebly.com>

## College Algebra Course Syllabus

Schoology Course Code: **9QZHZ-QSXKD**

### Course Description:

College Algebra with Applications is a college-level course that involves number relations and its use. **This course can be taken as a dual credit option, please see special note later in the syllabus.** College Algebra, along with an Algebra 1 or Intermediate Algebra course, provides a solid foundation to higher mathematics courses, such as Pre-Calculus and Calculus. College Algebra provides an extension of the concepts you learned in Algebra 1 or Intermediate Algebra. Further, College Algebra brings mathematics to life with many real-life applications. Topics covered will include operations with real numbers, systems of linear equations and inequalities Matrices, factoring, quadratic functions, and work with exponential functions, complex numbers, conic sections, logarithms, and probability and statistics.

All lessons are prepared ahead of time, and available to students from the start of the year. Students have access to the lessons via a flash drive, online via Mrs. Krueger's website, and at Schoology ([schoology.com](http://schoology.com)). Students will receive **1 credit** after completing the curriculum. Students have up to 12 months or three semesters to complete the material. In order to move forward through the curriculum, students will need to prove their understanding of the material by passing all quizzes and tests with a minimum of an 80%. If this is not achieved, students will be required to go back and review the material they did not fully understand. Students will then be able to retest. Unit tests do not need to meet this 80% requirement, however, students may retake the unit test to demonstrate improved understanding and their grade. We also will use math journals to further assess student's comprehension and understanding. Students will be required to answer topics following a rubric to receive credit. All students will be given a copy of the rubric to keep as a guide to help them when writing their entries.

A pacing guide will be provided for students to follow. The pacing guide includes where a student *should* be to be considered on track to complete the course within the school year. Progress reports and quarter grades will clarify student progress, with comments on their pace, time usage and behavior during class. Their grade on the traditional grade report will remain blank until they complete the course.

## **Classroom Necessities:**

- Chromebook
- Head Phones
- 8 GB Flash Drive
- 2" Binder with notebook paper and binder tabs
- Spiral Notebook - For Math Journal
- Pencil
- Calculator (Recommend TI-30, or TI-84 Plus)

## **Student Expectations:**

Mrs. Krueger's classroom runs using the Chequamegon School District's 5 Eagle Expectations: Be Here, Be Ready, Be Caring, Be Respectful, and Be Safe. This means all students are expected to work **productively** on math each day from bell to bell.

Mrs. Krueger is available for questions each day. If, for some reason, a student was unable to ask Mrs. Krueger a question during the class period, there are several ways to get in touch with her:

- Study Hall
- Before School (on a typical day, Mrs. Krueger is here by 7:00)
- Math Journal
- Email
- Text Message / Phone Call
- Set up Time to Meet

## **Grading Scale:**

The grading scale will fall within the standard Chequamegon High School grading scale, however students will only be able to move forward in the curriculum once they receive 80% mastery on quizzes, tests, and their math journal. Unit tests and projects do not require an 80% or better.

100 - 93	A
92 - 90	A-
89 - 87	B+
86 - 83	B
82 - 80	B-

## **Grade Composition:**

Students will receive a single grade for the course, following the completion of course materials listed on pacing guide. Grades will be composed of quizzes, tests, math practices, and math journal entries. These scores will be averaged together equally to make up 100% of the grade.

At the conclusion of each grading period, students will receive an individualized grade report with comments on student pace, time management, and behavior. This report will include how many checkpoints have been reached, as well as the current grade average.

## **Dual-Credit Course Option:**

This course is accepted as a dual credit through North Central Technical College (NTC). In order for students to receive the dual credit option, the following needs to be met:

- 1) Course **MUST** be fully completed by the end of the academic year
- 2) Students **MUST** meet the required grade average of 70%, set by NTC.

All students will automatically be enrolled into the dual credit program through NTC, however, a student may decide at any time that they **do not** want to take the course and receive the college credit through NTC, and only take it as a high school credit.

## **Academic Dishonesty:**

Cheating, copying, and plagiarizing are not allowed and will not be tolerated. Any student caught cheating (whether to benefit himself or herself or another student) will receive a zero for that quiz or test. Depending on the severity of the offense, the student may be assigned a detention. Allowing for an alternate time to make up the points will be determined on a case-by-case basis at the teacher's discretion. If a student is caught cheating a second time, he or she will receive a zero again and will be assigned a detention. Any further occurrences of cheating will be referred to the principal. Please note that recurring academic dishonesty could be grounds for expulsion, as stated in the student handbook.

## **Behavior Guidelines:**

Students will conduct themselves in a professional manner. My intent is to not only teach math, but also practice professional work expectations for things such as respect, courtesy, responsibility, and work ethic. Misbehavior will be handled following the school code of conduct.

## Strategies for Success

<b>K</b>	<b>Keep Mrs. Krueger Happy</b> Pay attention, Do your Best (performance), Try your Best (Effort)
<b>R</b>	<b>Remain Honest</b> Do everything with integrity. This applies to all you DO, all you SAY and all you SUBMIT.
<b>U</b>	<b>Use Your Time Wisely</b> Watch lessons and take notes, Ask questions during class Work on Math Every day, from Bell to Bell
<b>E</b>	<b>Engage in Your Work</b> Do you work thoroughly and thoughtfully
<b>G</b>	<b>Get Involved</b> If you have any questions, make sure you ask questions! Mrs. Krueger LOVES answering questions
<b>E</b>	<b>Embark in Your Education</b> Be open to learning, ask questions, work together, Understand the material, <u>and know education is supposed to be a challenge for you.</u>
<b>R</b>	<b>Retain a Positive Attitude</b> This means you: Be "Present" Be open to learning, Limit side talking, Participate fully

Please sign below to ensure that all students and parents have read the information provided regarding my Mrs. Krueger's Amazing Math Classroom. If you have any questions, feel free to contact me at school, my cell (call/text), or email.

I look forward to a very successful year with your student.

Best Regards,

Dani Krueger

Math Teacher

dkrueger@c SDK12.net

School Phone: 715.762.2474 ext 2245

Cell Phone (call or text): 715.892.2259

Student Name: \_\_\_\_\_

Class Period: \_\_\_\_\_

Student Signature: \_\_\_\_\_

Parent Signature: \_\_\_\_\_

Parent Email: \_\_\_\_\_

Parent Cell/Phone: \_\_\_\_\_

I understand that regardless of how much time my student takes to complete the coursework, he/she will receive **1 Credit**.

I understand that in order for my student to receive a college credit through NTC, he/she **must** complete the coursework by the end of the academic school year.