Instructor: Ms. Victoria Erdkamp

E-Mail: Victoria.Erdkamp@ops.org (checked at 7:30 am & 11 am)

Availability: (Room 206)
- 7:25am - 7:40am everyday
- 3:10pm - 3:35pm everyday
- 3:05pm - 5:00pm every Wednesday (Homework Help Room)

Course Description: This course is the honors section of Algebra 3-4. This course includes topics of mathematics that are necessary for the successful study of Trigonometry and Calculus. Topics include common functions, transcendental functions, conics, probability, and statistics.

Grading:

Homework (Practice)
- Assignments are given on a daily basis. They will be collected on the due date. If you have extensive questions, come in outside of class for clarification.
- Completion of these assignments in a timely fashion is vital to understanding the course material.
- Late assignments will be accepted through the end of the unit.
- At the end of each unit, the average completion score will be recorded as one formative grade

Quizzes (Formative Assessments-35%)
- Will be given approximately every 3-4 sections.
- You may retake any of these, however, at least 80% of homework needs to be completed prior to retake.

Tests (Summative Assessments-65%)
- Will be given at the end of each unit
- Tests are a major part of the course grade so be prepared by doing homework when it is assigned, do not wait until the last minute to cram!
- Retakes will be allowed only after additional review work suggested is completed.
- Semester Finals will be cumulative. These will each have a multiplier of 3.

Important Information:

Materials to bring to class every day are:
1. Notebook that is used only for this class for taking notes
2. Paper for homework (separate from notes notebook)
3. Writing Utensils (pencil, highlighter, eraser)
4. Textbook (hard/online copy)

Grades will be based on the Omaha Public Schools grading scale.

A 3.26 – 4.00  B 2.51 – 3.25  C 1.76 – 2.50  D 1.01 – 1.75  F 0.00 – 1.00

**Expectations and Procedures:** Be Respectful. Be Responsible. Be Accountable.

**Attendance**

- If a student is absent, it is his/her responsibility to obtain any notes and assignments he/she missed. This may mean coming before or after school to get caught up!
- Students who have an excused absence from the attendance office will be given 2 class periods per excused absence day to make up missed work. Work turned in after this time will be counted late.
- If you are absent the day of the test, you will make up the test outside the regular class time.

**Inappropriate Classroom Behavior:** Students are expected to follow the procedures set forth in the North Omaha High School Student Handbook. This course abides by all policies/procedures in the student handbook for North Omaha High School.

**Academic Integrity:** Students are expected to do their own academic work and dishonesty in academic work in any of its forms, including but not limited to cheating, academic misconduct, fabrication, plagiarism, talking during an exam, using unauthorized materials on an examination and/or disruptive behavior in the classroom during an examination, is unacceptable. A grade penalty will be issued for any misconduct that is observed (a grade of zero will be given on a test or quiz) even if you have handed in your test/quiz.

**Major Units of Study**

**First Semester**
- Unit 1 Chapter 1: Expressions, Equations, Inequalities
- Unit 2 Chapter 2: Functions, Equations, and Graph
- Unit 3 Chapter 3: Linear Systems
- Unit 4A Chapter 4: Quadratic Functions
- Unit 4B Chapter 4: Quadratic Equations
- Unit 5 Chapter 5: Polynomials and Polynomial Functions

**Second Semester**
- Unit 6 Chapter 6: Radical Functions and Rational Exponents
- Unit 7 Chapter 8: Rational Functions
- Unit 8A Chapter 11: Probability
- Unit 8B Chapter 11: Statistics
- Unit 9 Chapter 7: Exponential & Logarithmic Functions (as time permits)
Geometry Syllabus

Instructor: Ms. Victoria Erdkamp

E-Mail: Victoria.Erdkamp@ops.org (checked at 7:30 am & 11 am)

Availability: (Room 206)

- 7:25am- 7:40am everyday
- 3:10pm-3:35pm everyday
- 3:05pm-5:00pm every Wednesday (Homework Help Room)

Course Description: The course is a complete study of geometry. Topics include: congruence and similarity of figures, parallelism and perpendicularity, right triangle relationships, formal and informal proofs, coordinate geometry, properties of polygons, perimeter, area, and volume of two- and three-dimensional figures.

Grading:

Homework (Practice)

- Assignments are given on a daily basis. They will be collected on the due date. If you have extensive questions, come in outside of class for clarification.
- Completion of these assignments in a timely fashion is vital to understanding the course material.
- Late assignments will be accepted through the end of the unit.
- At the end of each unit, the average completion score will be recorded as one formative grade

Quizzes (Formative Assessments-35%)

- Will be given approximately every 3-4 sections.
- You may retake any of these, however, at least 80% of homework needs to be completed prior to retake.

Tests (Summative Assessments-65%)

- Will be given at the end of each unit
- Tests are a major part of the course grade so be prepared by doing homework when it is assigned, do not wait until the last minute to cram!
- Retakes will be allowed only after additional review work suggested is completed.
- Semester Finals will be cumulative. These will each have a multiplier of 3.

Important Information:
Materials to bring to class every day are:

1. Notebook that is used only for this class for taking notes
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4. Textbook (hard/online copy)

Grades will be based on the Omaha Public Schools grading scale.

A 3.26 – 4.00  B 2.51 – 3.25  C 1.76 – 2.50  D 1.01 – 1.75  F 0.00 – 1.00


Attendance

✓ If a student is absent, it is his/her responsibility to obtain any notes and assignments he/she missed. This may mean coming before or after school to get caught up!
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Major Units of Study

- Unit 1- Chapter 1: Tools of Geometry
- Unit 2- Chapter 2: Reasoning & Proof
- Unit 3- Chapter 3: Parallel & Perpendicular Lines
- Unit 4- Chapter 4: Congruent Triangles
- Unit 5- Chapter 7 Similarity
- Unit 6- Chapter 5: Relationships within Triangles
- Unit 7- Chapter 8: Right Triangles & Trigonometry
- Unit 8- Chapter 6: Polygons & Quadrilaterals
- Unit 9- Chapter 10: Area
- Unit 10- Chapter 11: Surface Area & Volume
- Unit 11- Chapter 9: Transformations
- Unit 12- Chapter 13 Probability
- Unit 13- Chapter 12: Circles