

In NC Math 4, students solve real world problems using their knowledge of numbers, functions, and algebra. Students seek the meaning of a problem and look for efficient ways to represent and solve it. They may check their thinking by asking themselves, “What is the most efficient way to solve the problem?”, “Does this make sense?”, and “Can I solve the problem in a different way?” Students also consider the reasonableness of intermediate results while applying processes to solve complex equations.

Bring the following materials with you to class every day.

- Pencils/pens
- Dry erase markers
- Notebook/paper
- Graph paper
- Calculator

Grading Categories

- 25% Project/Participation**
- 25% Homework/Classwork**
- 25% Quizzes**
- 25% Tests**

Student Expectations

- 1) Arrive **on time** ready to work.
- 2) Keep hands, feet, objects, and inappropriate comments to yourself.
- 3) Use electronic devices appropriately.
- 4) There is to be **no food** in the classroom
- 5) All rules in the student handbook apply to every class, every period, every day.
- 6) Do not line up at the door.

A NOTE ABOUT CELL PHONES: There are to be no headphones, cell phones or other electronic devices seen or heard during class unless being used for instructional purposes.

- Email is the best way to contact me.
- Students should check their school email daily.
- Grades will be updated in PowerSchool at least weekly
- Tutoring will be available after school
- Late work loses 10 points per day
- After three days late work will receive a grade of zero

Course Outline

1ST Quarter-

- Unit 1: Complex Numbers,
- Unit 2: Vectors,
- Unit 3: Composition of Functions
- Unit 4: Trigonometry

2nd Quarter-

- Unit 5: Logarithmic Functions
- Unit 6: Piecewise Functions
- Unit 7: Regression
- Unit 8: Statistical Analysis

Honor Code:

Cheating, lying, stealing and plagiarism are all Honor Code violations. Definitions and penalties for these are described in your student handbook.

Schedule

- 1st 7:45 – 9:20
- 2nd 9:23 – 11:00
- 3rd 11:03 – 12:38
- Lunch 12:40 – 1:05
- 4th 1:05 – 2:25

Grades

- 100-90 A
- 89-80 B
- 79-70 C
- 69 and below F

See the student handbook for policies regarding:

- Excess absences and tardies
- Dress code (nose rings are prohibited)

Disciplinary Policy:

Every day you have a choice to make about your actions. Should you choose to violate any classroom or school policy, you choose to accept the consequences that go with your actions. Inappropriate behavior will result in warning/parent contact/administrative action.