



Franklin School of Innovation (FSI)  
Instructor: Teshale Byan  
Math II  
Contact: [tbyan@thefsi.us](mailto:tbyan@thefsi.us)

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

### **Course description:**

*This course reviews many of the topics students see in in Math I course. These topics are studied in depth and they are also used as a segway for more advanced concepts. In Math II, students will explore topics like working with algebraic equations and mathematical modeling. Students will also solve real-world and mathematical problems using graphs, equations and computer technologies. Applications of pythagorean theorem, area and perimeter of two and some three dimensional shapes are included. At last students will be introduced to basic probability and trigonometry topics.*

### **Habits of Scholarship:**

- *Inquiry and investigation:*
  - *Ask questions whenever there is something that doesn't make sense .*
- *Ethics:*
  - *Always keep an open mind to solve problems with various tools that are created by you and others.*
- *Collaboration:*
  - *Explore the idea of working together with different groups to create a product that is environmentally and socially beneficial.*
- *Leadership:*
  - *Take the initiative to create your own personal learning habits and learning goals. Demonstrate your ability to guide and help your classmates by example.*
- *Persistence:*
  - *Don't give up when solving mathematical equations become challenging. Ask for help and assistance whenever you need it.*
- *Action:*
  - *Explore your ability to participate in class, to organize your materials and to submit all your work assignments on a timely manner.*

**Materials required:**

**Assessments**

- Bring your notebooks, textbooks/worksheets to class
  - Depending on our classroom and topics we get to decide whether to use textbooks or worksheets.
- Graphing calculator (TI-83 or TI-84) if possible.
- A note book
- Graph papers and a ruler
- Pens and pencils and eraser
- Lesson reflections
- Note taking and organization skills.
- Projects
- Homework
- Quizzes
- Exams
- EOC

\*\*\* (Habit of scholarships need to be reflected through these assessments )

**Rules and Regulations:**

**Classroom expectations:**

- Be consistently present at class
- Submitting homework on time
- Come prepared (Bring all the necessary materials for class)
- Respect your classroom and classmates
- Follow all the classroom rules and regulations stated in our hand book.

**School Wide Rules:**

1. Orderly transitions
2. Cell phones and other electronic devices turned off during the school day unless directed otherwise by a teacher
3. Food-free classrooms (except during lunch)
4. No drinks (except water) in the classroom
5. Use the sign in and out log to leave the room during class
6. Follow procedures to make dismissal orderly and quick
7. Standard heading on all papers/ assignments: Upper Right Hand Corner
  - Name
  - Date
  - Section
  - Assignment Name
8. No gum
9. Hats off indoors
10. Leave No Trace
11. Students will have an independent reading book in every class

**Grading:**

**Grading is based on the NC standards:**

		<b>Total Points</b>
<b>Semester 1:</b> <b>(37.7%)</b>	<b>First Quarter</b> <b>(50 %)</b>	<b>18.75%</b>
	<b>Second Quarter</b> <b>(50 %)</b>	<b>18.75%</b>
<b>Semester 2:</b> <b>(37.7%)</b>	<b>Third Quarter</b> <b>(50 %)</b>	<b>18.75%</b>
	<b>Fourth Quarter</b> <b>(50 %)</b>	<b>18.75%</b>
<b>EOC :</b> <b>(25.0%)</b>		<b>25.00%</b>
<b>Total:</b>		<b>100%</b>

**Each quarter grade is calculated based on the following categories:**

- Exams-----30%
- Homework----30%
- Project-----10%
- Quizzes----- 15%
- Attendance/participation/organization---15%.

**Remarks:**

All lesson plans and assignments will be posted on Schoology or at teshalemath.com. Students are expected to check their homework and other class activities frequently. Assignments must be submitted on their due dates or prior to that. Assignments that are submitted late will lose 5% of their total grade per day. No late assignments are accepted after three days.

Students will be assessed based on the habit of scholarships but it doesn't get factored into their academic grade. Students work and assignments will be graded solely based on the NC state standards and EOC.

This course syllabus is subject to any change. If changes are made, students and parents will be notified right away.

\_\_\_\_\_  
**Student Signature**

\_\_\_\_\_  
**Parents signature**

\_\_\_\_\_  
**Date**