

GEOMETRY
COURSE SYLLABUS 2011 - 2012
Instructor: Junett Wise

COURSE DESCRIPTION: This course is designed to give students a basic understanding of geometry concepts that they can use in the study of other branches of mathematics in high school and college, in their career choices, or in everyday life. The study of geometry can strengthen a student's ability of analysis and sharpen problem-solving skills. Although geometric theory will be taught in this course, the focus will be on the application of geometric principles.

INSTRUCTIONAL PHILOSOPHY: Students will work independently and in groups to complete course topics. Instruction will be presented through teacher-directed exploration, lectures, Smart Board presentations, study notes, individual research and group projects.

TEXTBOOK: Glencoe's Geometry: Integration, Applications & Connections

CURRICULUM: This course will follow the Ohio State Common Core Standards.

TOPICS COVERED:

- Congruence
- Similarity, Right Triangles, and Trigonometry
- Circles
- Expressing Geometric Properties with Expressions
- Geometric Measurement and Dimensions
- Modeling with Geometry

COURSE PROJECTS - Projects may be added and adjusted throughout the year at the discretion of the teacher.

- Notebook – Students will keep a portfolio of notes and work each nine weeks. (100 points)
- Chapter Project – Students will complete one project per chapter. (25 – 100 points)

MATERIALS REQUIRED

Calculator - Texas Instrument (TI-30 X IIS)
3-ring binder (2 inches wide) with 5 dividers
Compass
Protractor

Loose-leaf paper
1/4 inch graph paper
Pencils
Erasers

ATTENDANCE POLICY – This class will follow the TCTC Guidelines on attendance found in your Student Handbook. If you have an excused absence, it is your responsibility to see me for the assignment.

DISCIPLINE: This class will follow the TCTC Guidelines for discipline found in your Student Handbook. General Rules will be discussed the first day of class.

GRADING SYSTEM – Grades are calculated using the point system. This class will follow the TCTC Guidelines on grading found in your Student Handbook.

Classwork/Homework – on time and complete	10 points
Homework 1 day late	5 points
(More than 1 day late will receive no credit)	
All work must be shown to receive credit.	
Tests	100 points
Quizzes – They may be announced or unannounced.	less than 100 points
Course Projects	25 - 100 points
Midterm Exam	100 points
The midterm exam is a separate grade on your report card. It is not calculated in the 2 nd nine-weeks grade but it is averaged into the 1 st semester average.	
Final Exam	100 points
The final exam is a separate grade on your report card. It is not calculated in 4 th nine-weeks grade but it is averaged into the 2 nd semester average. A student may be exempt from taking the final exam if he/she has an A for the 1 st , 2 nd , 3 rd , and 4 th nine weeks grades.	

The TCTC Grading Scale is:	92 % – 100 %	A
	83 % – 91 %	B
	74 % – 82 %	C
	66 % – 73 %	D
	below 66 %	F

Extra help is available before and after school and during lunch periods in the Dugout. You may contact me throughout the year by calling 330-847-0503 and leave a message with the secretary or e-mail me at Junette.Wise@neomin.org.

Thank you and have a great year,

Mrs. Junett Wise

I have read and understand the requirements of this class.

Student's Signature Date

Parent's/Guardian's Signature Date

E-mail address Phone #