

Integrated Math II
Course Syllabus 2011 - 2012
Instructor: Brian Foutty

Course Description: This course is designed to enable students to gain knowledge of some of the basic concepts of Algebra, Geometry, statistics, probability, functions, and basic set theory so that they can use these concepts in other mathematic strands in high school, college, the student's career choice, and every day life. This course will also develop a student's problem-solving skills, critical thinking abilities, and strengthen situational analysis abilities.

Instructional Philosophy: Students will work independently to complete schoolwork and course topics through frequent homework assignments. Course material will be presented through teacher-directed exploration, lectures, guided practice, and study guides.

Curriculum: This course will follow the Ohio Content Standards.

Topics Covered:

- Basic Algebraic Concepts
- Linear Equations
- Linear Inequalities
- Systems of Linear Equalities
- Probability of events
- Logic
- Geometrical Logic
- Algebraic Functions
- Geometrical Functions
- Graphing Functions
- Polynomials
- Three-Dimensional Geometry
- Basic Trigonometry
- Basic Set Theory

Required Materials (students must have these items):

Paper	Pen and/or pencil
Folder	Calculator (iPod/smartphone acceptable)

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 the assignment chart or check my website for the assignment.

Website: I have a website for this class at www.fouttymath.net. If you are absent you will be able to view the assignment you missed and then download and print the notes from the class on the day that you are absent. You are also able to watch all lessons taught if you are absent or would like to review an entire lesson or part of a lesson. You are expected to do this on your own as a part of learning to access information in our society.

Grading Policy: Grades are calculated using a percentage/point system.

<u>Class work/homework</u> – On time and complete (late homework will be accepted with a loss of ½ point per day)	4 points
<u>Mid-Chapter Quiz</u> – Quizzes cover skills in the first part of each chapter.	100 points/quiz
<u>Tests</u> – Tests are given at the end of each chapter.	100 points/test
<u>Class Participation</u> – For every day that you participate, you are prepared, and you are a positive influence you will receive 3 participation points. Putting your head down at any time will result in a loss of points. Sleeping in class will result in a zero.	3 points/day
<u>First Semester Exam</u> – The first semester exam is a separate grade on your report card. It is used in combination with the first and second nine week grades to average your first semester grade.	100 points
<u>Second Semester Exam</u> - The second semester exam is a separate grade on your report card. It is used in combination with the third and fourth nine week grades to average your second semester grade. The two semester grades are averaged for your final grade for the year. <i>If all of your grades for the year (1st nine weeks, 2nd nine weeks, First Semester Exam, 3rd nine weeks, and 4th nine weeks) are A's then you will be exempt from the final exam.</i>	100 points

The TCTC Grading Scale:	92% - 100%	A
	83% - 91%	B
	74% - 82%	C
	66% - 73%	D
	Below 66%	F

Discipline: This class will follow the TCTC Guidelines for discipline in your Student Handbook. Classroom policies will be given to you on the first day of class.

If you need extra help please see me. I am willing to spend time before school working with you individually if you make an appointment. Thank you and I hope we have a great year together.

Mr. Brian Foutty

Do you have an iPod, iPhone, iPad, or Droid?	Yes: _____	No: _____
Do you have internet access at home?	Yes: _____	No: _____
Do you have high-speed internet access at home?	Yes: _____	No: _____

I have read and understand the requirements of this class.

Student's Signature Date

Parent/Guardian's Signature Date