

## 2009 ~ 2010 F.S.T. SYLLABUS

Teacher: Mr. Leckie

Room: 201

Course: Functions, Statistics, and Trigonometry

Textbook: *Functions, Statistics, and Trigonometry: Integrated Mathematics*

**COURSE CONTENT:** Functions, Statistics, and Trigonometry builds upon topics covered in Algebra 2. Additional topics include more advanced explorations into trigonometry and statistics. Problems are linked to real-world applications with an emphasis on graphing, vocabulary, and technical writing.

### **STUDENT EVALUATION**

Both formative and summative evaluations are used during this course. There will be quizzes after every 2 days of instruction. Each student must earn 70% or higher, or must retake the quiz during academy/interventions. All quizzes must be retaken before the chapter exam. ONE chapter exam from each semester may be retaken. In the event of a retake, the score on the retake is recorded and the original is dropped.

**Grading:** Your 18 – week grade will be weighted with the following percentages:

- Assignments: 10%
- Quizzes: 20%
- Tests: 70%

### **Final:**

- The Final exam will be cumulative and worth 25% of your semester grade.  
In other words:  $0.75*(18\text{-week grade}) + 0.25(\text{Final Exam grade}) = \text{Semester Grade}$

**SCALE:** Grades will be posted on Infinite Campus as often as possible.

- 90 - 100% A
- 80 - 89% B
- 70 - 79% C
- 60 - 69% D

### **Assignments:**

- Assignments will be given daily. Whether the assignments are intended to be completed in class, at home, individually or in a group will depend on the assignment.
- There will be assignments assigned for EVERY section. If you do not practice the concepts outside of class you are only hurting yourself.
- Assignments will be corrected based on completeness only, but it is only beneficial if you correct it.
- Assignments should be completed every day, but will be collected on the days of a quiz or a test. (about every 2 days)

### **Quizzes:**

- Quizzes will be given every 2 two days of instruction.
- Quizzes will be retaken if a student does not earn a 70% or higher.
- Retakes of all quizzes MUST be completed before the chapter exam.
- If you are not here the day the quiz is given, you will be given the retake quiz.

### **Tests:**

- Tests will usually be given after the completion of each chapter.
- A review sheet/problem set will typically be given for each test, and you should understand ALL topics listed.
- Tests usually will be given in two parts (with and without a calculator).
- Each chapter test will be weighted the same.
- Make up tests are usually different than the original exam.
- ONE retake of chapter exams will be allowed each semester.
  - Corrections to original test must be done in class prior to retake
  - All homework must be completed
  - Retakes may have fewer questions than the original, meaning each question is worth more.

## **CLASSROOM EXPECTATIONS:**

#1: You are expected to be ON TIME. There are no bells, but the clocks are set to the exact time. Be here early, so you are ready to start at the right time.

#2: You are expected to treat EVERYONE in the class with the same attitude of respect you expect to be treated. This includes the language you use, the attitude you bring to class, and the way you respond when asked to do something in class.

#3: You are expected to complete EVERY assignment BEFORE the next class meeting. You are expected to use the Academy/Interventions period to get extra help whenever needed. Once in class, you are expected to ask questions on anything that you do not understand.

#4: You are expected to use the entire block productively. This means paying attention/taking notes during times of lecture, actively participating in group work, using any extra time given to you in class to complete your daily work, start your homework, or review for upcoming quizzes and/or tests.

**Consequences:** Failure to follow the expectations will result in any of the following:

1. Warning ... Student – Teacher conference
2. Parent phone call and/or Academy Detention
3. Referral to an Administrator

## **ABSENCES:**

- It is **YOUR** responsibility to find out what you missed!!!!!!!
- You will be given a list of assignments for every chapter. If you lose yours, print out another one online.
- The Academy/Interventions period is time set aside for you to get and complete your make up work. It may take more than one academy period for you to get caught up.
- No make-up tests/quizzes will be given during class time. It is YOUR responsibility to make an appointment during Academy/Interventions or after school.

## **SUPPLIES:**

The following is a list of supplies (other than your ***book***) that will be needed throughout the course of the year.

- A notebook or a section of a notebook dedicated to this class for notes and handouts. (I will not collect this)
- A graphing calculator (TI-83+, TI-84+)
- Pencils (I will not be providing pencils at any time)
- Graph Paper ... especially second semester.
- ID CARD --- used to check out any supplies that we might use in class.

## **RESOURCES AVAILABLE:**

Mr. Leckie's website: <http://www.chaoticgolf.com>

Daily Assignments  
Review Sheets with Solutions  
Extra Credit (when available)  
Graph paper available to be printed

Syllabus may be read online  
Parent Questionnaire may be filled out online  
Contact Mr. Leckie through an email form  
Limited links to other Math sites on the Internet

## *Academy/Interventions*

Tuesday of every week has been designated for math interventions. You may attend voluntarily whenever you feel like you need help. You may also be required to attend for various reasons ...

1. Not turning in all your homework,
2. Falling behind in work due to absences or other reasons,
3. Having a D or F,
4. Earning less than a 70% on any quiz.

Failure to show when required may result in an academy detention, referral to assistant principal, or loss of privileges (off campus, partials, extracurricular or athletic activities).