

## Course IV

**Teacher:** Mrs. Goodwill

**Textbook:** Advanced Mathematical Concepts, By Merrill

**Grading:** Homework 30%

Class Participation/Preparedness 10%

Tests 40%

Quizzes 20%

Homework will be given on a regular basis. Homework that is collected will be graded out of ten points. Graded homework that does not receive at least eight points will need to be corrected and returned. Once that homework is corrected it can receive a maximum of nine points. Homework that you choose not to correct will receive a zero. Corrections must be turned in before each unit exam. Late homework will not be graded after 3 school days. It will receive an automatic zero. Homework that we go over in class can not be made up.

< All homework and papers turned in must include the appropriate heading. Papers that do not include this heading will be returned and considered late or missing.

You are given several weeks notice for all field trips. There will be no extensions given for homework. Homework due the day of the field trip is to be turned in before you leave. You are expected to be prepared for class the day you return with your homework completed. You will be given one day for each day you are absent to make up work.

< Keep a 3-ring binder notebook. (Including all tests, quizzes, handouts, and homework assignments)

< You will need a graphing calculator. We use the TI - 83 plus calculator which is approximately \$98.00 at Walmart if you would like your own. The school does have calculators that the students may borrow if you choose not to buy one.

< Use pencils, no pens for all homework, tests and quizzes.

< Be prepared for class each day. This includes bringing all necessary items, pencil, paper, notebook, book, homework, and calculator. You will be docked points each day you are not prepared.

< I am available to give extra help and after school. Don't get behind. See me for help as soon as needed.

### **Classroom Discipline Procedures:**

1. Be to class on time
2. Bring your book, notebook, calculator, homework, and pencils to class
3. No profanity
4. Be cooperative, courteous, and respectful

Violations of any of the above will result in:

- a verbal warning
- a phone call to your parent
- referral to the office
- after school detention with teacher

5. Only water in a clear contain may be consumed. Don't even bring the rest to class, it will be confiscated and thrown away.

6. Repeated failure to complete homework assignments will result in after school detention

### **Course IV Curriculum**

1. Linear Relations and Functions
2. Systems of Equations and Inequalities
3. The Nature of Graphs
17. Limits, Derivatives, and Integrals
4. Polynomials and Rational Functions
5. The Trigonometric Functions
9. Polar Coordinates and Complex Numbers
11. Exponential and Logarithmic Functions
12. Sequences and Series (if time)

Students will take a mid-term in January and a final exam in June. These are both local exams created by the teacher. There is no state assessment for Course IV.

Parents please read through this with your child. Detach the following, sign that you have discussed the above with your child and return to me by September 9, 2011. Your child will have an after school detention if this is not returned.

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I have read and discussed the above Math rules and guidelines with my child.

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Parent signature

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Student signature