

**Elementary and Intermediate Algebra  
Integrated Topics  
Expectations and Syllabus  
Spring 2007**

**Teacher: Mr. A.Elbetawy**

**Phone: 410-674-7710**

**Room #402**

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**Planning Period: 9:00 A.M. -10:10 A.M (A-Day)  
7:00 A.M -8:50 A.M (B-Day)**

**Course Description:**

Elementary and intermediate Algebra class is a combined course. It is a yearlong course that builds on skills learned in Pre-Algebra, Algebra I and Geometry. It is the essential for all high school mathematics courses and prepares students for high-level math classes such as Pre -Calculus, Calculus, etc. Throughout the year, we will develop problem solving and mathematical communication skills as we study equations and inequalities, graphs and functions, systems of equations, exponential and logarithmic functions, polynomials and rational functions, and rational and radical equations.

**Instructional Philosophy:**

Student will be given the opportunity to learn Algebra using a variety of instructional methods. High quality work is expected and students will be required to redo some work until it meets acceptable standards. Classroom activities will include hands-on explorations, cooperative learning, projects, presentations, reading, writing, and lecture. Students are expected to participate and to put forth their best work efforts

**Major Course Projects, Assignments, and Assessments:**

The course is divided into 14 units as follows:

<b>Semester I</b>	<b>Days</b>	<b>Semester II</b>	<b>Days</b>
1-Equations,Inequalities,and Problem Solving	13	5- Exponents and Polynomials	6
2- Graphs and Functions	16	6-Factoring and Solving Equations	12
3- Systems of Equations	9	7-Radicals&Complex Numbers	13
4-Exponents and Polynomials	4	8-Quadratic Equatios,Functions,and Inequalities	3

**Student will be assessed by the following methods:**

- **Unit Assessments**, each consisting of selected response, student provided response, brief constructed response, and extended constructed response items.
- **Regularly Assigned homework** will be graded for completeness.
- **Periodic quizzes** to assess mastery of current material.
- **Various class work assignments** such as group discussions, explorations, and individual seat work.

**Course Assessment Plan:**

Your grade will be determined based on the following criteria:

Unit Assessments after each unit	30%
Quizzes	25%
Homework	20%
Class work	25%

**Grading Rubric:**

<b>A 90-100%</b>	<b>B 80-89%</b>	<b>C 70-79%</b>	<b>D 60-69%</b>	<b>E Below 60%</b>
-Exceeds expectations -Consistent high quality work -Masters subject matter -Rarely misses assignments	-Occasionally exceeds expectations -Good quality work - Masters subject matter - Rarely misses assignments/class work	-Meets expectations -Average quality work -Masters most skills -Occasionally misses assignments and/or class work	-Meets minimum expectations -Poor quality work -Masters some skills -Misses most assignments and /or class work	-Did not meet expectations -poor quality work -Did not master skills -Consistently misses assignments

**Materials:**

Textbook: Elementary and Intermediate Algebra (Houghton Mifflin Company)

Graphing Calculator (preferably TI-83+ or TI-84), pencil, pens (blue or black colors; no marker)

**Classroom Procedures and Expectations:**

1-Come to class on time, takes your assigned seat, and immediately get to work on warm –up. It is your responsibility to answer the warm-up individually by using your book and notes.

2-Your assigned seat might be changing any time during the semester.

3-Each student is expected to respect the rights of others

4-Bring all needed materials to class. This includes notebook, pens (**only blue or black color**; no marker), pencil, paper, and calculator, etc

5-If you have a question, quietly raise your hand, and wait to be recognized. Students must follow directions when given.

6-Stay awake, sit up straight, and concentrate with patience on the class at all times.

7-Talk in low voice when you work in a group activity.

8- You must use the bathroom before or after the class unless if you bring an authorized permission.

9-No food or drink (including gum) is allowed outside the cafeteria with the exception of water.

10-Class is dismissed by the teacher ...not the bell. When all materials are put away, and everyone is quietly in his seat, with desk area clean, class will be dismissed.

All other school rules must be followed at all times.

**Academic Honesty Policy**

Students must adhere to the Meade High School Academic Honesty Policy.

**Make-up Work / Absence Policy**

1. It is your responsibility to make up any missing work within the allotted time; one day for each day, you were outside the classroom.
2. Being outside the class for any reasons (trip, conference, ALP, etc) whatsoever will earn zero credits until returning your missing work for that period. You must ask your classmates for notes, H.W., etc.
3. Late work will not be accepted.
4. Students must present an absent note to me within three days.

**Extra Help**

I will be available **everyday after school**. (Please let me know if you will be staying after in case I have a meeting.)

**Parents/Guardians:**

In order for these policies to have the greatest effect, I need your support. Please discuss these policies with your child, then sign and return this sheet only to me. By signing this paper, both you and your child have agreed to the policies mentioned on the previous page.

You will see a **progress report** every 2 to 3 weeks that will be sent home with your child. Upon receipt, please sign it and return it to me. **PLEASE CONTACT ME IF YOU DO NOT RECEIVE ANY PROGRESS REPORTS.** If you have any questions or concerns regarding your child or the curriculum, please call me at 410-674-7710 or Email:[adesouky-elbetawy@aacps.org](mailto:adesouky-elbetawy@aacps.org)



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

Student Signature: \_\_\_\_\_

Parent / Guardian Signature: \_\_\_\_\_

Parent / Guardian Name (Please print)  
\_\_\_\_\_

Daytime Phone Number(s):  
\_\_\_\_\_

Evening Phone Number(s):  
\_\_\_\_\_

Address: \_\_\_\_\_  
\_\_\_\_\_

Email Address (please print)  
\_\_\_\_\_