

Dual Credit Elementary Algebra with Applications
Syllabus (Mr. Pazurek)
2017-2018 School Year

Prerequisite:

Passed Algebra and Geometry, and have Junior or Senior standing.

Course Description:

This course offers traditional algebra topics with applications. Learners develop algebraic problem solving techniques needed for technical problem solving and for more advanced algebraic studies. Topics include linear equations, exponents, polynomials, rational expressions, and roots and radicals. Successful completion of this course prepares learners to succeed in technical mathematics courses.

Course Units:

1. The Real Number System
2. Linear Equations and Inequalities in One Variable
3. Linear Equations and Inequalities in Two Variables and Functions
4. Systems of Linear Equations and Inequalities
5. Exponents and Polynomials
6. Factoring and Applications
7. Rational Expressions and Applications
8. Roots and Radicals
9. Quadratic Equations
10. Cumulative Final Chapters 1 through 9

Textbook:

Beginning Algebra, tenth edition by Lial, Hornsby, and McGinnis.

Instructor Information:

Dave Pazurek

pazurekd@fortschools.org

920-563-7811 Ext. 2049

Available every day after school from 3:00 to 3:30 if you have questions or need help. You may e-mail me at any time.

ADA

If you require special accommodations or services, please make the instructor aware of these needs at the beginning of the year.

Math Lab

Students may receive help in the math lab. Students must request a pass from their math teacher to allow dismissal from their study hall and report to the math lab during their study hall time. Students may also be required to attend a math lab session to make up missed homework assignments or tests.

Grading and Policies:

- 5% **Homework/Class Participation:** Homework is given daily and due the next school day. Homework will be checked while you check your answers at the start of class. After the test is taken two assignments will be chosen at random and assigned a grade. Late homework will be collected up to and including the day of the test. No homework will be accepted after each chapter test is taken. Test/Quiz re-takes will only be available to those that have all assignments in for the desired test/quiz re-take. All work must be shown for every problem assigned.
- 25% **Quizzes:** Quizzes will be given accordingly per chapter. Questions will be graded for correctness. However, partial points will be given for work shown with an incorrect answer. Students will be allowed to retake each quiz once within 4 school days of the original quiz date. Retakes cannot be taken during the school day; they must be taken before or after school. All assignments up to the quiz must be handed in before the quiz is taken the first time.
- 50% **Chapter Tests:** There will be 9 tests in the calendar year. Each student will be allowed to use one note card for notes (without examples) for each test. A blank note card will be provided for you. If absent on test day, you must discuss a date and time with the instructor as to when you will take the test. Questions will be graded for correctness. However, partial points will be given for work shown with an incorrect answer. Students will be allowed to retake one test a semester. The retake must occur within 4 school days of the original test date. Retakes cannot be taken during the school day; they must be taken before or after school. All assignments for the unit must be handed in before the original test is taken.
- 20% **Cumulative Final Exam:**
First Semester: There will be a first semester exam from chapters 1-6 that will only count for your Fort Atkinson letter grade. It will not be on your MATC Final grade
Second Semester: There will be a cumulative final exam (Chs 1-9) at the end of the school year. The cumulative final exam will be given in two parts due to the length of the exam. **Students will be allowed to use specified notes for the exam and must earn a C or higher on it to receive MATC CREDIT.** This exam will be counted for your Fort Atkinson Sem 2 grade and your MATC final grade.

Grading Scale:

Fort Atkinson Grading Scale	MATC Grading Policy
A: 94% -100%	A → 92 – 100%
A-: 90% - 93%	AB → 89 – 91.99 %
B+: 86% - 89%	B → 80 – 88.99 %
B: 83% - 85%	BC→ 77 – 79.99 %
B-: 80% - 82%	C → 68 – 76.99 %
C+: 76% - 79%	W → 60 – 0
C: 73% - 75%	
C-: 70% - 72%	You must receive a “C” or better in the course
D+: 66% - 69%	<i>and</i> a “C” or better on the cumulative final
D: 63% - 65%	exam to receive the 3 MATC college credits.
D-: 60% - 62%	You will be dropped at the end of the school
F: 59% - 0%	year if you do not meet the “C” requirement