



Math 9

Course Outline

Course Layout: *The course is broken down as follows:*

| Unit | Topic |
|------|------------------------------|
| 1 | Number Operations |
| 2 | Rational Numbers |
| 3 | Powers and Exponents |
| 4 | Polynomials |
| 5 | Linear Relations |
| 6 | Solving Linear Equations |
| 7 | Scale Factors and Similarity |
| 8 | Data Analysis |
| 9 | The Language of Finance |

Grading: Your grade for this course will be calculated as follows:

| Item | Weight |
|-----------------|--------|
| Learning Guides | 30% |
| Unit Quizzes | 10% |
| Unit Tests | 25% |
| Exams | 25% |
| Projects | 10% |

Learning Guides

Before you write a unit exam, you must submit the Learning Guide and complete all quizzes leading up to the exam. All submissions **MUST** be very neat and well organized. If you can't figure out a question, you should be researching the material, then asking for help.

Success on the Exams depends upon exposure to a large variety of questions and lots of practice. Be sure to do the Practice Assignments presented with each lesson. Watch the solution videos for more information.

Exam Supervision

Quizzes can be done on your own (not supervised).

All exams are "closed book" and require supervision. If you are unable to access a local school to write your exams, you will need to find a teacher that will supervise your exams. Please have them e-mail me and I will send them the required information

Resources

There is **NO** textbook required for this course. You do need a basic scientific calculator.

Keys to Success

1. Set a schedule so that you are working on math either everyday or every second day. There should be no big gaps, with the hope of catching up. This is **VERY** important!
2. Study the Lessons and take good notes for reference when working on homework. Make sure you can do and understand the problems you are shown in the many examples given in each lesson.
3. Write your unit test after your Learning Guide and all related quizzes are complete and the material is well understood. Check your answers and correct your mistakes. **Ask for help whenever needed.**
4. **Sticking to a schedule is key for doing well and completing the course.**
5. Use the messenger function in your course to communicate with your teacher. **Ask questions!**