

Syllabus



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Tips for Success

If you're new to online courses, or if you just need a quick refresher, be sure to take a look at the Student and Parent Handbook.

Course Learning Outcomes

After you have successfully completed this course, you should be able to do the following:

1. Simplify and compare fractions.
2. Change from fractions to mixed numbers and fractions to decimals and vice versa.
3. Add, subtract, multiply, and divide fractions and mixed numbers.
4. Identify unit rates in different representations.
5. Work with ratios, proportions, and percents.
6. Use number lines and modeling with integers.
7. Add, subtract, multiply, and divide integers.
8. Work with algebraic expressions and equations.
9. Write and solve equations and inequalities.

Course Materials

Textbooks

No external textbooks are required for this course.

Calculator

The calculator explorations are written for the Texas Instruments Explorer 30 (TI-30); however, most other graphing calculators have similar capabilities.

Assignments

You will complete these assignments during the course.

Several components need to be completed to help you be successful in this course:

1. Complete all Self Check questions at the end of each lesson. Although these are not graded, it is essential that you practice the skills you will be learning.
2. Use the Math Lab video clips to get some extra practice with any difficult concepts.
3. Complete all six units and the required unit quiz for each. Unit quizzes count for 60 percent of your course grade, so you should do your best on them.

Exams

You will complete one final exam for this course.

The comprehensive final examination consists of questions from the six units. A calculator is allowed as long as no notes are stored in it.

Grading

Your grade in this course will be based on these assignments and exams:

ASSIGNMENT OR EXAM	GRADING	PERCENT OF TOTAL GRADE
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6 Unit Quizzes	Computer	60%
1 Final Exam	Computer	40%

Resubmissions and Retakes

For information about resubmitting assignments, please contact your AK Grad instructor.

Grade Scale

Your letter grade is calculated according to these percentages.

A	100% – 93%
A-	92% – 90%
B+	89% – 87%
B	86% – 83%
B-	82% – 80%
C+	79% – 77%
C	76% – 73%
C-	72% – 70%
D+	69% – 67%
D	66% – 63%
D-	62% – 60%
E (fail)	59% – 0%

Course Policies

For information about how long you have to complete the course, resubmitting assignments, and other questions, please contact your AK Grad instructor.