



# 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.

## What You Should Already Know

Pre-requisites for this course include ALG 041, the first half of pre-algebra, or equivalent.

## Course Learning Outcomes

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

- Solve problems using proportions, fractions, decimals, and percents and apply the concepts in context of real-world problems.
- Solve business and consumer problems involving discounts, markups, commission, and profit.
- Solve equations and inequalities that contain several variable expressions.
- Use coordinate geometry to make connections between
- Interpret data using probability, patterns, and statistics to make predictions in the outcome of future events.
- Understand and apply geometric relationships.

To succeed in this course, do the following: First, take time to carefully read and study the discussion material in the course manual. Study the examples carefully. Second, work the problems in the Self Check exercises. Finally, set up a regular study schedule and set a goal to complete at least one lesson every week.

## **Course Materials**

This is a self-contained course which does not require the use of a textbook or any other supplemental material. All information is contained in the course.

## **Assignments**

You will complete these assignments during the course.

### **Self Check Quizzes**

Throughout the course you will have the opportunity to check your mastery of lesson material with self check quizzes. These quizzes are not graded; however, they will help prepare you for the unit quizzes, which are graded.

### **Unit Quizzes**

You will need to submit an assignment from each of the eight units for grading. If you work on the units for at least an hour a day, you should be able to complete about one unit a week.

### **Review Quiz**

The Review Quiz is the midcourse assignment. It will take you about one hour to complete; however, there is no time limit. The problems on the midcourse assignment will be similar to those contained in each of your Unit assignments 1–4.

## **Exams**

You will complete one final exam for this course. The final exam will take you about one hour to complete. The problems on the final exam will be similar to those contained in each of your assignments 6–9. You may use a calculator and blank scratch paper.

# Grading

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

<b>ASSIGNMENT OR EXAM</b>	<b>GRADING</b>	<b>PERCENT OF TOTAL GRADE</b>
8 Unit Quizzes	Computer	40%
Review Quiz	Computer	20%
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.

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