

**Adult Education Class Outline**  
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**1.2019 Consumer Mathematics**

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**Date Posted:** 5/26/2006

**Title:** Consumer Math

**Submitted by:** Yosemite Adult Education

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**Yosemite Joint Union High School District**  
**Yosemite Adult Education**

**Course Outline**

**Course Title:** Consumer Math Program: Adult Independent Study

**State Course Code:** 02.021.106 (1.2019 Consumer Mathematics)

**Date Submitted:** 1/9/06

**Grade Level:** 9

**Length of Course:** 1 year

**Credits:** 10

**Textbook:** *Consumer Mathematics*: American Guidance Service, 2003

**Supplemental Material:** Individual skill packets

**I. Course Description:** This course presents mathematical skills and concepts in meaningful, real-life situations, buying and selling, saving and investing, borrowing and renting, and insuring and taxing.

**II. Major Goals and Purpose of this Course:** After completing this course, students will have the fundamental knowledge they need to understand their options and to make reasonable decisions in real situations. Students will also understand the usefulness and importance of mathematical skills and logical reasoning in surviving in the real world.

**III. Course Outline/Alignment to California State Standards and Expected School-wide Learning Results:**

<b>Chapter/ Assignment Text</b>	<b>State Standards</b>	<b>ESLRS</b>
<b>1 Earning Money</b>	<b>1.1.2, 1.1.5, 1.2.3, 2.4.2, 3.1.3, 5.2.1, 5.2.2, 5.2.5, 5.2.7, 5.3.1, 5.3.2, 5.3.3</b>	<b>1,2,3,4,5,6</b>
<b>2 Buying Food</b>	<b>2.4.2, 3.1.3, 5.2.1, 5.2.2, 5.2.5, 5.2.6, 5.2.7, 5.2.8</b>	<b>1,2,3,4,5,6</b>
<b>3 Shopping for Clothes</b>	<b>1.1.2, 1.1.3, 1.1.6, 1.2.2, 2.4.2</b>	<b>1,2,3,4,5,6</b>
<b>4 Managing a Household</b>	<b>1.1.2, 1.1.7, 5.2.1, 5.2.2</b>	<b>1,2,3,4,5,6</b>
<b>5 Buying and Maintaining a Car</b>	<b>1.1.2, 1.1.7, 5.2.2, 5.2.5, 5.2.6, 5.2.8</b>	<b>1,2,3,4,5,6</b>
	<b>6 Working with Food</b>	<b>1,2,3,4,5,6</b>
<b>1.1.2, 1.1.3, 5.2.2, 5.2.5</b>	<b>7 Improving Your Home</b>	<b>1,2,3,4,5,6</b>
<b>1.1.2, 1.1.3, 1.1.7, 2.1.1, 2.1.5, 3.2.1, 3.2.2, 3.2.3, 3.2.4, 4.1.1, 5.2.2, 5.2.5</b>	<b>8 Traveling</b>	<b>1,2,3,4,5,6</b>
<b>2.1.1, 2.4.2, 3.2.4, 5.2.1, 5.2.2, 5.2.5, 5.2.6, 5.3.3</b>	<b>9 Budgeting Your Money</b>	<b>1,2,3,4,5,6</b>
<b>1.1.2, 3.1.1, 5.1.1, 5.1.3, 5.2.2, 5.2.5, 5.2.6, 5.3.3</b>	<b>10 Banking and Investing</b>	<b>1,2,3,4,5,6</b>
<b>1.1.3, 1.1.6, 1.1.7, 2.1.5, 2.4.2, 3.1.3</b>	<b>11 Paying Taxes</b>	<b>1,2,3,4,5,6</b>
<b>1.1.6, 1.1.7, 5.1.1, 5.2.1, 5.2.2, 5.2.7, 5.2.8, 5.3.1, 5.3.3</b>	<b>12 Preparing for Careers</b>	<b>1,2,3,4,5,6</b>
<b>1.1.1, 2.1.1, 2.2.1, 3.1.2</b>		

#### **IV. State Standards Covered in this Consumer Math Course:**

##### **Number Sense:**

**1.0 Students compare and order positive and negative fractions, decimals, and mixed numbers. Students solve problems involving fractions, ratios, proportions, and percentages**

**2.0 Students use exponents, powers, and roots and use exponents in working with fractions**

**Algebra and Functions:**

**1.0 Students express quantitative relationships by using algebraic terminology, expressions, equations, inequalities, and graphs.**

**2.0 Students interpret and evaluate expressions involving integer powers and simple roots.**

**3.0 Students graph and interpret linear and some nonlinear functions.**

**4.0 Students solve simple linear equations and inequalities over the rational numbers.**

**Measurement and Geometry:**

**1.0 Students choose appropriate units of measure and use ratios to convert within and between measurement systems to solve problems.**

**2.0 Students compute the perimeter, area, and volume of common geometric objects and use the results to find measures of less common objects. They know how perimeter, area, and volume are affected by changes of scale.**

**Statistics, Data Analysis, and Probability:**

**1.0 Students collect, organize, and represent data sets that have one or more variables and identify relationships among variables within a data set.**

**Mathematical Reasoning:**

**1.0 Students make decisions about how to approach problems.**

**2.0 Students use strategies, skills, and concepts in finding solutions.**

**3.0 Students determine a solution is complete and move beyond a particular problem by generalizing to other situations.**

**V. Instructional Strategies:**

**A. Individual instruction**

**B. Direct instruction**

**C. Visual Aids**

**D. Demonstrations**

**E. Manipulatives**

**VI. Hours of Instruction:**

**Eleven hours per chapter**

**VII. Evaluation:**

**A. Teacher evaluation of completed assignments**

**B. Publisher created quizzes and tests**

**VIII. Repetition: After a student has successfully completed this course, he/she may not be allowed to re-enroll.**