

Course Title: MATH	Course Description
<p>Course No. 3253 Grade level: 7-12</p> <p>Text and Resources: <i>Consumer Mathematics</i>, Part I; AGS Publishing Prerequisite: Algebra 1A, 1B</p>	<p>Course Value: *One Semester</p> <p>Credit Value: 1 - 5</p>
<p>Course Content: Key Content Standards and Course Objectives</p>	
<ol style="list-style-type: none"> 1. Number Sense: Students interpret and use ratios in different contexts to show the relative sizes of two quantities, using the appropriate notations (6-1.2), students use proportions to solve problems (6-1.3), students add, subtract, multiply, and divide rational numbers (integers, fractions, and terminating decimals) and take positive rational numbers to whole-number powers (7-1.2), students convert fractions to decimals and percents and use these representations in estimations, computations, and applications (7-1.3), students calculate the percentage of increases and decreases of a quantity(7-1.6), students solve problems that involve discounts, markups, commissions, and profit and compute simple and compound interest(7.1.7) 2. Algebra and Functions: Students demonstrate an understanding that rate is a measure of one quantity per unit value of another quantity (6-2.2). 3. Measurement and Geometry: Students use measures expressed as rates and as products to solve problems; check the units of the solutions; and use dimensional analysis to check the reasonableness of the answer (7-1.3). 4. Mathematical Reasoning: Students make decisions about how to approach problems (6-1.0), students use strategies, skills, and concepts in finding solutions (6-2.0), generalizing and applying it to other situations (6-3.0). 	<p>This course will focus on the mathematics needed to make everyday consumer decisions. The student will use basic math skills in problem-solving activities such as paying taxes, buying food, banking and saving, and managing a household.</p> <p>*Open entry/open exit</p>
<p>Methods of Study</p>	<p>Evaluation of Performance Standards</p>
<ol style="list-style-type: none"> 1. Students will complete all activities assigned. 2. Students will participate in discussion with other class members and/or teacher. 	<ol style="list-style-type: none"> 1. Students will complete all assignments with a minimum of 70% accuracy. 2. The supervising teacher will be satisfied with the quality of the student's work. 3. The student must receive a minimum score of 70% on a teacher assigned final evaluation.

Mathematics III C
Course Outline: 3253

I. Textbook Assignment Options:

A. *AGS Consumer Mathematics*, Part I (5.0 credits)

- Complete: Chapters 1-6
- Complete: Chapters 1-6 Reviews

II. Extension Options:

A. Choose two Applications from Chapters 1-6 and complete all problems.

III. Evaluation

- Units and/or final test.
- All textbook work must meet the 70% accuracy level for a “C” grade.