

QUANTITATIVE LITERACY  
GRADE 12  
(2 Semesters)

COURSE OVERVIEW:

This class introduces the concepts of everyday living. It is meant for students who have **not** fulfilled the mathematics requirement. They will learn how to collect data and analyze the data as it pertains to life long skills.

UNITS OF INSTRUCTION:

- UNIT I - Probability
- UNIT II - Buying A Car
- UNIT III - Balancing a Checkbook/Savings Account
- UNIT IV - Calculating Gross Income, Net Income, Taxes
- UNIT V - Calculating the Best Cost of Furnishing a House, Food
- UNIT VI - Leasing/Renting Cost
- UNIT VII - Buying a House
- UNIT VIII - Building a House

STUDENT OUTCOMES:

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| 1. | The students will be able to analyze and determine how to manage money in terms of buying, borrowing, and saving. (6A, 6B, 6C, 6D)<br><br>This course addresses the following state standards: 6A, 6B, 6C, 6D, 7A, 7B, 7C, 8A, 8B, 10A, 10B, 10C. |
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MAJOR LEARNING EXPERIENCES TO ACHIEVE OUTCOMES:

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| 1.<br>2.<br>3.<br>4.<br>5. | Keep up with the daily homework.<br>Participation in class discussions.<br>Plan and carry out experiments and projects related to probability and statistics.<br>Cooperation in group settings.<br>Use integrated software. |
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ADOPTED TEXT OR PRINCIPAL MATERIALS USED:

Staudacher. <i>Practical Mathematics for Consumers</i> , 2 <sup>nd</sup> ed. Globe Fearon, 1994. (adopted 2001)
Burill. <i>Data Driven Mathematics</i> . Dale Seymour Publications, 1999. (adopted 2001)

(05/15/00)