

Norwalk Community College
Learning Outcomes for MAT 146 – Math for the Liberal Arts

After completing Math for the Liberal Arts, the student should be able to:

- Construct a 2-variable truth table.
- Construct a Venn Diagram based on 2 or 3 characteristics.
- Determine the change in the value of a sum of money due to inflation.
- Establish a monthly or weekly budget given income and expenses that occur over multiple and distinct frequencies.
- Compare of savings growth using simple and compound interest.
- Use a formula to determine a fixed loan payment given the loan principle, (annual, percent) interest rate, length of the loan period and frequency of payments.
- Determine the relative correlation of a scatter plot.
- Explain the meaning of an outlier in both general and specific terms.
- Evaluate simple and conditional probabilities.
- Determine the expected value of an event with multiple, possible outcomes