Math 1125 - Math Literacy

Course Description
This course is designed for non-STEM students and will provide skills necessary to be successful
in college level math courses such as Statistics or Quantitative Reasoning. Topics include
numeracy, mathematical thinking and investigations, proportional reasoning, basic algebra
concepts, linear and exponential functions and basic statistical concepts. Real-life applications,
graphing calculators, spreadsheets, and internet resources are integrated throughout the course.
4 credits

Prerequisite: MAT 1050 (or equivalent college transfer course) with a "C" or better within the
last three years or COMPASS/ACT math placement test results appropriate for this course within
the last two years.

Common Course Outcomes
1. Select and utilize appropriate statistical methods to analyze data in real-life context
2. Describe real-life applications using basic numeracy and problem solving skills
3. Illustrate solutions to application problems using linear models including rate of change
4. Illustrate solutions to application problems using exponential models
5. Illustrate solutions to application problems using direct and/or inverse variation models
6. Illustrate solutions to application problems using quadratic models
7. Graph and interpret linear and non-linear models
8. Solve applied problem using resources such as a graphing calculator, spreadsheet and/or
    the internet