Goal Quantitative Reasoning Overview: Students will demonstrate their ability, in homework and tests, to use college-level mathematical concepts and methods to understand, analyze, and explain issues in quantitative terms.

Outcome 1 Quantitative Reasoning (Literacy): Students will demonstrate knowledge of formal mathematical concepts and formulae in homework and on tests as appropriate to the course.

Outcome 2 Numeracy Skills (Reasoning): Students will demonstrate, in homework and tests, the ability to manipulate and use theories appropriate to course content, graphically display and interpret quantitative results, and demonstrate the ability to perform basic arithmetic skills.

Outcome 3 Problem Solving (Thinking): Students, in homework and on tests, will identify and analyze real or potential problems, apply appropriate quantitative theories, evaluate appropriate quantitative measures, and explain or discuss results in quantitative terms.