QUANTITATIVE LITERACY (QL)

QL-022 Quantitative Literacy in Modern World (0 credits)

Quantitative Literacy in the Modern World focuses on the mathematical and algebraic methods needed to describe, analyze, and then respond to our world. Students work with concept models including percents, ratios, formulas, variables, linear equations, and graphs set within the context of contemporary issues. In this course, students strengthen their ability to read about, write about, and question health, societal, and economic issues. They do this through solving application based problems, understanding the use of symbols, and applying various mathematical techniques needed to effectively use and manipulate quantitative information.

QL-122 Quantitative Literacy in Modern World (4 credits)

Quantitative Literacy in the Modern World focuses on the mathematical and algebraic methods needed to describe, analyze, and then respond to our world. Students work with concept models including percents, ratios, formulas, variables, linear equations, and graphs set within the context of contemporary issues. In this course, students strengthen their ability to read about, write about, and question health, societal, and economic issues. They do this through solving application based problems, understanding the use of symbols, and applying various mathematical techniques needed to effectively use and manipulate quantitative information.

QL-122C Quant Lit in the Modern World (4 credits)

Prerequisite(s): Course open to MPSU students only.

QL-156 Mathematical Connections (3 credits)

Mathematical Connections focuses on strengthening the quantitative skills you need to be an effective receiver and producer of information. You will explore current issues in society, financial topics, and concerns from specific disciplines such as business and nursing. In QL-156, there are three major content areas: Representing Data, which combines topics in graphing, statistics; Predicting data, which combines topics in statistics and probability; and Measurement, which combines topics in geometry and the Metric system. Through exploration of these concepts, you will increase your understanding of the power of mathematics as a decision making and communication tool.
Prerequisite(s): QL-122 or BU-151

QL-156C Mathematical Connections (3 credits)

Mathematical Connections focuses on strengthening the quantitative skills you need to be an effective receiver and producer of information. You will explore current issues in society, financial topics, and concerns from specific disciplines such as business and nursing. In QL-156, there are three major content areas, Representing Data, which combines topics in graphing, statistics, Predicting data, which combines topics in statistics and probability, and Measurement, which combines topics in geometry and the Metric system. Through exploration of these concepts, you will increase your understanding of the power of mathematics as a decision making and communication tool.
Prerequisite(s): QL-122

QL-301 Applying Quantitative Strategies (0 credits)

Applying Quantitative Strategies, a quantitative literacy course for students enrolled in the RN to BSN program, focuses on the mathematical and algebraic methods necessary for Probability & Statistics and other upper division coursework. The student works with concept models including percents, ratios, formulas, descriptive statistics, linear equations, and graphs set within the context of contemporary issues. The curriculum aims to strengthen a student's ability to solve application based problems, understand the use of symbols, and apply various mathematical techniques needed to effectively use and manipulate quantitative information.