

# MAT 143 : Quantitative Literacy<sup>n</sup>

This course is designed to engage students in complex and realistic situations involving the mathematical phenomena of quantity, change and relationship, and uncertainty through project- and activity-based assessment. Emphasis is placed on authentic contexts which will introduce the concepts of numeracy, proportional reasoning, dimensional analysis, rates of growth, personal finance, consumer statistics, practical probabilities, and mathematics for citizenship. Upon completion, students should be able to utilize quantitative information as consumers and to make personal, professional, and civic decisions by decoding, interpreting, using, and communicating quantitative information found in modern media and encountered in everyday life.

**Credits** 3

**Class Hours** 2

**Lab Hours** 2

**Clinical Experience Hours** 0

**State Prerequisites**

(MAT 003 or BPS 4003) and (ENG 002 or BSP 4002)

**State Corequisite Courses**

[MAT 043](#)

**Notes**

This course has been approved for transfer under the CAA as a general education course in Mathematics (Quantitative). This course has been approved for transfer under the ICAA as a general education course in Mathematics (Quantitative). This is a Universal General Education Transfer Component (UGETC) course.