



COURSE SYLLABUS

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COURSE: MAT 043 QUANTITATIVE LITERACY SUPPORT

HOURS: Lecture: 1 Lab/Shop: 2 Work Exp/Clinical: 0 Credits: 2

COURSE DESCRIPTION:

This course provides an opportunity to customize foundational math content specific to Quantitative Literacy. Topics include developing the academic habits, learning strategies, social skills, and growth mindset necessary to be successful in mathematics. Upon completion, students should be able to build a stronger foundation for success in Quantitative Literacy by obtaining skills through a variety of instructional strategies with emphasis placed on the most essential prerequisite knowledge.

PREREQUISITE(S): DMA 010-030 or MAT 003

COREQUISITE(S):

TEXTBOOK(S) & OTHER SPECIAL REQUIREMENTS:

Open Educational Resources (OER) are listed in the course Moodle.

STUDENT LEARNING OUTCOMES:

Upon successful completion of this course, the student will be able to:

1. Utilize order of operations.
2. Evaluate mathematical operations with integers, decimals and fractions.
3. Solve ratio, proportion, and percent problems.
4. Understand measurement.
5. Recognize common geometry shapes and characteristics.
6. Process and understand data representations.
7. Algebraic Operations.
8. Solve linear equations and inequalities.
9. Graphing linear equations.

*****Please refer to the online version of the Richmond Community College Program & Course Catalog and the Student Handbook for current academic and general information.**