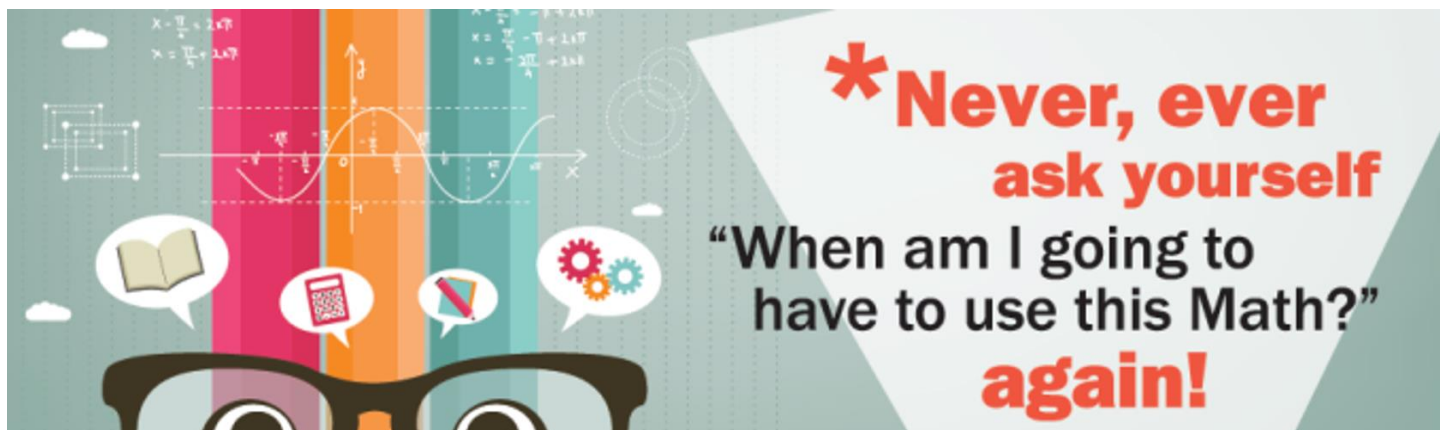# Quantitative Literacy Pathway

About the courses in the Quantitative Literacy Pathway...

The Quantitative Literacy Pathway includes two options for a 1000-level course that meets the requirements of most Associate of Arts programs: Math 1100 or Math 1190. The Quantitative Literacy Pathway is designed to provide a college-level learning experience that focuses more on real-world situations and applications rather than the procedural skills that are needed for advanced math and STEM programs.

Math 1100: Mathematical Explorations

Explore the various ways in which the artistic, aesthetic, and intellectual aspects of mathematics are as important as its utility. Students will have the opportunity to study basic concepts and skills of problem solving, set theory, logic and number theory with the purpose of introducing them to the nature of mathematics as it applies to both the practical and the abstract. This course is designed for students whose majors do not require courses in Statistics or STEM and will count towards the requirements for Associate's degrees requiring a 1000-level math.

Math 1190: Algebraic and Quantitative Reasoning

Develop a deeper understanding of the math and critical thinking needed for work and life. This course focuses on solving problems using numerical, algebraic, and graphical knowledge; mathematical modelling; and understanding the foundations of statistical thinking. Contexts include financial, environmental, social, and public and personal health. This course is an approved Quantitative Reasoning course in the Ohio Transfer 36.

Math 0930: Essential Skills for Algebraic and Quantitative Reasoning

Math 0930 is the co-req course paired with Math 1190, to provide supplemental learning activities that support each unit in the college-level class and to build a learning community for students to master the material and succeed in Math 1190.