MATH0070 - Math Literacy

Credits:	3 (3/0/0)
Description:	This course supports students in building numeracy, mathematical reasoning and problem-solving skills to prepare for future study of mathematics. The course explores the mathematics content that forms the foundations of algebra and statistics, including embedded prerequisite knowledge, fundamental mathematics topics and essential skills needed to meet the course outcomes, with a focus on applications and communication about mathematical ideas. Math study skills are also infused throughout the course. This is a college readiness course and does not fulfill a college goal area requirement.
Prerequisites:	
Corequisites:	
Pre/Corequisites*:	
Competencies:	1. Represent quantitative information, quantitative relationships and mathematical concepts using appropriate mathematical notation. 2. Solve authentic, multiple step problems in a variety of contexts by applying two or more mathematical strategies or concepts. 3. Evaluate algebraic or numerical expressions involving rational numbers. 4. Apply appropriate formulas to solve problems. 5. Interpret graphs and data displays. 6. Read and interpret quantitative information from a variety of real-world sources. 7. Explore and document the academic and personal skills necessary to succeed in math courses. 8. Demonstrate measurement sense, including units, precision, accuracy and error. 9. Represent proportional relationships and solve problems involving ratios, rates and proportions. 10. Formulate algebraic representations necessary to model problems.
MnTC goal areas:	None

**Can be taking as a Prerequisite or Corequisite.*

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