

Math Refresher Daily

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This course introduces students to the math required for quantitative courses such as economics, statistics, and finance at the Maryland School of Public Policy. The skills necessary to thrive will include a comfort level with basic algebraic manipulations, an understanding of some differential Calculus, and more. The following topics will be covered during the summer: graphing, probability, solving systems of equations, logarithms, rules exponents, basic differentiation, the Langrangian technique, and some additional topics.

The daily refresher class will run from **Monday, August 12th thru Wednesday, August 21st**. This Class will be held each day between **4:00pm-6:30pm**, while the discussion section will be from **1:30pm-4:00pm**. In both time slots, there will be ample time for students to practice problems and to ask questions in addition to being introduced to new topics.

The Optional (though recommended) textbook for the class is Mathematics with Applications 9th or 10th Editions (or earlier if need be) by Lial, Hungerford, and Holcomb. *I strongly suggest buying the cheapest version of the text you can find.*

A fun book for statistics is “Naked Statistics” by Charles Wheelan. You won’t regret buying a cheap used version, but it is not necessary for this course.

Topics Summer 2019

Date	Topic
August 12	Overview of Required Math+ the Basics
August 13	Algebra and Graphing
August 14	Exponents and Logs
August 15	Intro to Differential Calculus
August 16	Micro Applications of Calculus
August 19	Micro Applications of Calculus
August 20	Probability and Stats
August 21	Probability and Stats