

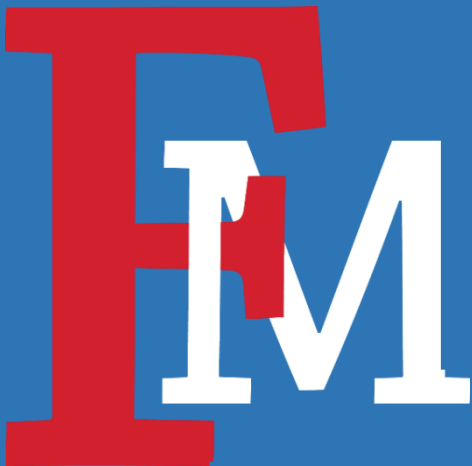
Math Club

Guest Speaker: Dr. Cary Humber

Let's get complex! : A primer of the complex number system.

Motivated by numerous real-world scenarios, in this lecture we will discuss the complex number system. Beginning with the complex number i , we will develop complex arithmetic, based on our understanding of the real number system. We will then investigate the natural connection between complex numbers and trigonometric functions; a connection which lends itself to the development of complex geometry. This connection allows for a more visual understanding of the complex numbers, which can be a great benefit when using complex numbers. Several fundamental identities will be covered, including De Moivre's Theorem and Euler's identity.

Refreshments will be served!



**Wednesday, March 22nd at
1:30 PM**

Location: LSF 407B



For more information, please visit the Math Club's website: