



Extra Credit




Natural Science and Mathematics Colloquium

The Mathematics of Secrets



Dr. Adriana Salerno
Bates College
Professor of Mathematics
Wednesday, September 18, 2024
Schaefer Hall 106 – 4:45 pm



Information permeates our lives. We send texts, shop online, pay bills, type emails, and store pictures and medical data in “the cloud”. Hidden from view is the mathematics needed to make information transfer efficient and secure. This talk will give an overview of the history and the evolution of coding (turning information into numbers) and encryption (securing the information), from ancient times to the modern era, and we will look at how mathematics is the key to it all.

This event is free and open to the public. It is meant for a general audience. If you are an instructor, please announce it to your students.

The **NATIONAL PUBLIC HONORS** *College*

What You Do: Attend Dr. Adrianna Salerno’s The Mathematics of Secrets on Wednesday September 18th (I’ll be taking attendance) and write a one paragraph summary of the talk due Friday, September 20 at 5:00 PM.

What You Get: A more broad and nuanced understanding of Computer Science as a discipline! ... and an extra credit point.