1125-B1-1252   **Paul Jenkins*** (`jenkins@math.byu.edu`). *Broken one-time pads and other projects.*

The Brigham Young University mathematics department teaches both a senior-level mathematical cryptography course, for science and engineering students who have had linear algebra, and a freshman cryptography seminar open to all majors. This talk describes classroom activities and projects used in these courses, including cipher-solving competitions, personalized final exams, and software which helps solve Vigenère ciphers and incorrectly used one-time pads. (Received September 15, 2016)