DEPARTMENT OF MATHEMATICS
California State University, Bakersfield
MATH 524 – Number Theory and Cryptography

Instructor: Charles Lam
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Class times: 6:30-8:30MR (SCI 177), 6:30-8:30T (SCI 176)

Office Hours: 2-4M, 3-4T, 6-6:30T, 6-6:30R, 10:30-11:30F, or drop by when I am in.

Course Description: The primary study is number theory. Applications of number theory, especially on cryptography, will be introduced.

Text: The Mathematics of Ciphers – Number Theory and RSA Cryptography, by S.C. Coutinho. Supplementary printed materials will be provided through the course.

Labs: Lab days are Tuesdays. Attendance is required. You are required to work on assigned problems and hand in the lab reports **individually** on the following Monday.

Grading: In addition to labs, there will be two tests, and a project. Details of the project will be given later.

Labs	30%
Two Tests	15% each
Project	40%

Test Dates:

- First Test: April 28, Thursday (tentative)

- Second Test: May 26, Thursday (tentative)