Mathematics 129B  
Fall 2015

**Instructor:** Professor R. Alperin: Office: Duncan 239; Telephone: 924-5066; Office hours: TTH: 10:35-11:15; T: 1:30-2:30 or by appt.

**Textbook:**ADVANCED LINEAR ALGEBRA by COOPERSTEIN, 2nd EDITION

**Course and Objectives:** Advanced Linear Algebra:
To study vector spaces and linear transformations, with special regard to inner product spaces and other variations.

**Prerequisite:** MATH 108, Math 129A with grade of B- or better or instructor consent.

**Grade:** Final grade based on tests, homework and class presentations.