

MATH 355: 3 s.h. Transformational Geometry

The study of geometry from a transformational point of view. The group of affine transformations, with the subgroups of similarities and motions, is studied with investigation of invariant properties. Some exposure to transformations in the complex plane. Offered in spring and periodically in summer.

Prereq: C- or higher in MATH 310 and 322 or permission of instructor.