

PREPARATION: Successful completion of Algebra I R (9th Grade)

A study is made of the basic structure of two-dimensional Euclidean geometry. Geometry is based on undefined terms (point, line, and plane), defined terms, and postulates, all of which are used to prove theorems and solve problems deductively. Understanding of these fundamental concepts is achieved through a study of lines, segments, angles, polygons, and circles. In this course, the methods of proof are generally approached through carefully selected examples. Additionally, the use of instructional technology is used to reinforce concepts and develop performance assessments.