**Integrated Geometry I** (0.5 credit)

**Description:**This course provides instruction in informal geometry by integrating the concepts of geometry within algebraic application. This course includes topics on properties of and work with plane and solid figures; inductive methods of reasoning and use of logic; concepts of congruence, similarity, parallelism, perpendicularity, and proportion; and rules of angle measurement in triangles.

**Integrated Geometry II** (0.5 credit)

**Description:** This course provides instruction in formal geometry by integrating the concepts of geometry within algebraic application. This course includes properties of plane and solid figures; deductive methods of reasoning and use of logic; geometry as an axiomatic system including the study of postulates, theorems, and formal proofs; concepts of congruence, similarity, parallelism, perpendicularity, and proportion; and rules of angle measurement in triangles.