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| <b>Department</b>   | Mathematics         | <b>Grade Level</b>            | 10       |
| <b>Course Title</b> | Geometry Semester 1 | <b>Requirement Equivalent</b> | Geometry |

**Course Description** ([ISBE Course Description](#))

Geometry, Semester 1, will emphasize an abstract, formal approach to the study of Geometry, and will include topics such as 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. (Course Number:02072A000)

**Units of Study**

- Geometric Vocabulary and Transformations
- The Coordinate Plane and Intersecting Lines
- Triangle Geometry
- Similarity