Jefferson County Educational Service Center
Virtual Learning Academy
Required Course Materials
MATHINTII: MATH INTEGRATED MATH II

Unit 01: Points, Lines, Planes
Ruler

Unit 02: Angles
Compasses, Protractor, and Ruler

Unit 03: The Coordinate Plane and Line Segments
Scientific Calculator or Graphing Calculator
Graph Paper

Unit 04: Coordinate Geometry
Scientific Calculator or Graphing Calculator
Graph Paper

Unit 06: Properties of Equality
Scientific Calculator or Graphing Calculator

Unit 07: Properties and Proofs of Segments and Angles
Scientific Calculator or Graphing Calculator

Unit 08: Formulas
Scientific Calculator or Graphing Calculator

Unit 09: Mid-Semester Review
Compasses, Protractor, and Ruler
Scientific Calculator or Graphing Calculator
Graph Paper

Unit 10: Angles, Transversals, and Parallel Lines
Scientific Calculator or Graphing Calculator

Unit 11: Parallel and Perpendicular Lines
Compasses, Protractor, and Ruler
Scientific Calculator or Graphing Calculator
Graph Paper
Unit 12: Properties of Triangles
Compasses, Protractor, and Ruler
Scientific Calculator or Graphing Calculator
Graph Paper

Unit 13: Proving Triangles Congruent
Compasses, Protractor, and Ruler
Scientific Calculator or Graphing Calculator
Graph Paper

Unit 14: Specialties with Triangles and Indirect Proofs
Scientific Calculator or Graphing Calculator
Graph Paper

Unit 15: Inequalities and Triangle Inequalities
Scientific Calculator or Graphing Calculator
Graph Paper

Unit 16: Quadrilaterals, Parallelograms, and Rectangles
Scientific Calculator or Graphing Calculator
Graph Paper

Unit 17: Review
Scientific Calculator or Graphing Calculator
Graph Paper

Unit 18: First Semester Exam
Scientific Calculator or Graphing Calculator
Graph Paper

Unit 19: Special Parallelograms and Quadrilaterals
Compasses, Protractor, and Ruler
Scientific Calculator or Graphing Calculator

Unit 20: Ratio, Proportion, and Similar Figures
Scientific Calculator or Graphing Calculator

Unit 21: Proportional Parts of Similar Triangles
Compasses, Protractor, and Ruler
Scientific Calculator or Graphing Calculator

Unit 22: Features of Right Triangles
Scientific Calculator or Graphing Calculator
Unit 23: Right Triangle Trigonometry
Scientific Calculator or Graphing Calculator

Unit 24: Circles
Scientific Calculator or Graphing Calculator

Unit 25: Inscribed Angles, Tangents, and Secants
Compasses, Protractor, and Ruler
Scientific Calculator or Graphing Calculator

Unit 26: Special Segments and Equations of Circles
Compasses, Protractor, and Ruler
Scientific Calculator or Graphing Calculator
Graph Paper

Unit 27: Mid-Semester Review
Scientific Calculator or Graphing Calculator
Graph Paper

Unit 28: Polygons, Tessellations, and Area
Protractor and Ruler
Scientific Calculator or Graphing Calculator
Graph Paper

Unit 29: Applications of Polygons and Circles
Scientific Calculator or Graphing Calculator

Unit 30: Surface Area
Scissors and Tape
Scientific Calculator or Graphing Calculator

Unit 31: Volume
Scientific Calculator or Graphing Calculator

Unit 32: Graphing Equations of Lines
Scientific Calculator or Graphing Calculator
Graph Paper

Unit 33: Coordinate Proofs and Transformations
Scientific Calculator or Graphing Calculator
Graph Paper

Unit 34: Loci
Scientific Calculator or Graphing Calculator
Graph Paper
Unit 35: Permutations and Combinations
Scientific Calculator or Graphing Calculator

Unit 36: Final Exam
Scientific Calculator or Graphing Calculator
Graph Paper