

Syllabus: Geometry A for Credit Recovery

Geometry exists everywhere in the world around you. We use it to build bridges, to design maps, or to create perspective in paintings. Throughout this course, you will use problem solving and real world application to gain the knowledge of geometric concepts and their practical uses.

Segment I

Getting Started

- 00.01 Things to Know
- 00.02 Navigation
- 00.03 Lessons & Assessments
- 00.04 Course Specifics
- 00.05 Online Learning 101
- 00.06 Pace
- 00.07 Academic Integrity

Module One

- 01.00 Module One Checklist and Pretest
- 01.01 Basics of Geometry
- 01.02 Basic Constructions
- 01.03 Constructing with Parallel and Perpendicular Lines
- 01.04 Module One Quiz
- 01.05 Constructions with Technology
- 01.06 Introduction to Proofs
- 01.07 Module One Activity
- 01.08 Module One Review and Practice Exam
- 01.09 Module One Discussion-Based Assessment
- 01.10 Module One Exam

Module Two

- 02.00 Module Two Checklist and Pretest
- 02.01 Translations
- 02.02 Reflections
- 02.03 Rotations
- 02.04 Module Two Quiz
- 02.05 Rigid Motion and Congruence
- 02.06 Module Two Activity
- 02.07 Module Two Review and Practice Exam
- 02.08 Module Two Discussion-Based Assessment
- 02.09 Module Two Exam

Module Three

- 03.00 Module Three Checklist and Pretest
- 03.01 Line and Angle Proofs

- 03.02 Triangle Proofs
- 03.03 Module Three Quiz
- 03.04 Parallelogram Proofs
- 03.05 Reflection Checkpoint
- 03.06 Module Three Activity
- 03.07 Module Three Review and Practice Exam
- 03.08 Module Three Discussion-Based Assessment
- 03.09 Module Three Exam

Module Four

- 04.00 Module Four Checklist and Pretest
- 04.01 Dilations
- 04.02 Similar Polygons
- 04.03 Module Four Quiz
- 04.04 Similar Triangles
- 04.05 Module Four Activity
- 04.06 Module Four Review and Practice Exam
- 04.07 Module Four Discussion-Based Assessment
- 04.08 Module Four Exam

Module Five

- 05.00 Module Five Checklist and Pretest
- 05.01 Triangle Congruence and Similarity
- 05.02 Module Five Quiz
- 05.03 Applications of Congruence and Similarity
- 05.04 Module Five Activity
- 05.05 Module Five Review and Practice Exam
- 05.06 Module Five Discussion-Based Assessment
- 05.07 Module Five Exam
- 05.08 Segment One Reflection Checkpoint
- 05.09 Segment One Practice Exam
- 05.10 Segment One Exam

Course Assessment and Participation Requirements:

To achieve success, students are expected to submit work in each course weekly. To measure learning, students complete self-checks, practice lessons, multiple choice questions, projects, discussion-based assessments, and discussions. Students are expected to maintain regular contact with teachers. When teachers, students, and parents work together, students are successful.