

## Syllabus: Geometry B 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 II

#### 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 Six

- 06.00 Module Six Checklist and Pretest
- 06.01 Using the Coordinates
- 06.02 Slope
- 06.03 Module Six Quiz
- 06.04 Coordinate Applications
- 06.05 Module Six Activity
- 06.06 Module Six Review and Practice Exam
- 06.07 Module Six Discussion-Based Assessment
- 06.08 Module Six Exam

#### Module Seven

- 07.00 Module Seven Checklist and Pretest
- 07.01 Solving Right Triangles
- 07.02 Trigonometric Ratios
- 07.03 Module Seven Quiz
- 07.04 Applying Trigonometric Ratios
- 07.05 Module Seven Activity
- 07.06 Module Seven Review and Practice Exam
- 07.07 Module Seven Discussion-Based Assessment
- 07.08 Module Seven Exam

#### Module Eight

- 08.00 Module Eight Checklist and Pretest
- 08.01 Formulas
- 08.02 Applications of Volume
- 08.03 Module Eight Quiz
- 08.04 Density

- 08.05 3-D Figures
- 08.06 Module Eight Activity
- 08.07 Module Eight Review and Practice Exam
- 08.08 Module Eight Discussion-Based Assessment
- 08.09 Module Eight Exam

### Module Nine

- 09.00 Module Nine Checklist and Pretest
- 09.01 Properties of a Circle
- 09.02 Inscribed and Circumscribed Circles
- 09.03 Module Nine Quiz
- 09.04 Applications of Circles
- 09.05 Module Nine Activity
- 09.06 Module Nine Review and Practice Exam
- 09.07 Module Nine Discussion-Based Assessment
- 09.08 Module Nine Exam
- 09.09 Segment Two Reflection Checkpoint
- 09.10 End of Course Information
- 09.11 Segment Two Practice Exam
- 09.12 Segment Two 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.