Geometry CR Syllabus

Course Code: 4122CRCW

Subject: Mathematics

Required Prerequisites: Failing grade in Geometry CP or Geometry

Suggested Prerequisites: None

Recommended Grade Levels: 9th or 10th

Duration: Yearlong

Course Availability: A listing of when this course is offered in the current school year can be found on the VirtualSC Current Course Offerings page (opens in a new window).

Class Times: This course has scheduled instructional meetings. Information on scheduled meetings for each course is communicated by the teacher. Recordings of these meetings will be available for students unable to attend. Students should expect to spend 7-9 hours a week working on this course independently, in addition to any live meetings, and are expected to meet the deadlines posted in the course pacing guide.

Textbook: None – All content can be found in the course. Portions of this course were modified from content from CK-12 under the Creative Commons Attribution NonCommercial 3.0 Unported (CC BY-NC 3.0) license.

Required Course Materials: TI 83/84 Graphing Calculator. If a calculator cannot be purchased or is unavailable, you may go to www.desmos.com (opens in a new window), which can be used on your computer or downloaded to your Android or Apple phone or tablet.

Outside Websites: A list of links to websites and online textbooks used in this course can be found here: VSC Course Links Document Folder (opens in a new window). Students will need to be able to access all of these links to access all course materials.

Final Exam: Credit Recovery courses do not have proctored final exams. Students must master all Benchmark Tests to complete the course.

Course Description

This course is designed for students who have taken Geometry CP and failed it. Students in Virtual SC Credit Recovery courses have the opportunity to:

- begin each lesson by taking formative assessments (pretests).
- proceed to the next lesson when performance indicates readiness.
- complete the work only in the areas of weakness to earn credit for successful completion of courses.

Progression through the credit recovery courses is dependent on mastery of the lessons. Students struggling to master a lesson or unit of lessons will have the opportunity to review the skills again until mastery can be achieved.
The curriculum used in this course is guided by the [SCCCR Standards for Mathematics (opens in a new window).](#)

Scope and Sequence

- Orientation & Introduction
- Unit 1: The Foundations of Geometry
- Unit 2: Logic, Reasoning and Proofs
- Unit 3: Parallel and Perpendicular Lines
- Unit 4: Congruent Triangles
- Unit 5: Relationships within Triangles
- Unit 6: Quadrilaterals
- Unit 7: Similarity
- Unit 8: Right Triangles and Trigonometry
- Unit 9: Transformations
- Unit 10: Circles
- Unit 11: Surface Area and Volume
- Unit 12: Interpreting Data

Students will be sent a full list of assignments and their due dates at the beginning of the course.

Current pacing guides for this course can be found on the [Current Course Offerings page](#) (opens in a new window) on the VirtualSC website.

Course Grades

Credit recovery courses are mastery-based. Student's progress through the course by demonstrating mastery of content and/or skills. Grades required to demonstrate mastery on individual activities are detailed in each course. Students must complete and master the entire course, including all benchmark tests, to be issued a final grade.

Students who successfully complete a credit recovery course will be assigned a non-numeric grade of Credit Recovered. Schools should record credit recovery grades on student transcripts as described in the South Carolina Uniform Grading Policy.

Information on VirtualSC student guidelines, policies and technology requirements can be found in the VirtualSC Student Support Portal (opens in a new window).