

## MA832OR/ Geometry 1-1 CR Syllabus

Course Title-----	Geometry 1-1 CR
Course Number-----	MA832OR
Grades:-----	09-12
High School Credit Value:-----	0.5
Prerequisites:-----	A transcript or other documentation is required to show the student has previously taken the course and not earned credit.
Course Length:-----	Regular courses: 17 weeks CR: 9-17 weeks.
Course Time:-----	Regular courses: 17 week schedule: 75 - 90 minutes per school day (6-7.5 hours per week) Credit Retrieval: 75 - 90 minutes per school day (6-7.5 hours per week) until course completion.

### { Course Description }

This is a six-week credit retrieval course for students who have already taken the first semester of geometry and not earned credit. Students will learn the concepts of points, lines, and planes; triangles, right triangles and the foundations of geometry. An assessment, given at the beginning of each lesson, indicates what standards have been met and what skills need to be practiced and demonstrated. Based on the results of the assessment, an individual plan for completing the course is developed by the teacher and communicated to the student.

Upon successful completion of the course, the student earns a passing grade (C) and .5 credit in Geometry 1.

This course helps meet the state minimum requirements of 2.0 Mathematics credits. Please check with your district for more specific requirements.

#### **Course Materials:**

- The necessary computer components as defined at the iA and Odyssey websites.
- Speakers to access the audio of the text.
- A printer for the worksheets.
- A notebook or binder to take and organize notes.
- A straightedge and compass for constructions.
- A headset with microphone is recommended for communicating in the online office.

**State Alignments**

Washington State Standards guided the design of the course. Learning expectations are found within the course itself.

**Our Geometry course addresses the following Common Core State Standards.**

CCSS		iA Campus unit
<b>G.CO</b>	Congruence	1, 4,
<b>G.SRT</b>	Similarity, Right Triangles and Trigonometry	1, 4, 6
<b>G.C</b>	Circles	2, 3
<b>G.GPE</b>	Expressing Geometric Properties with Equations	5
<b>G.GMD</b>	Geometric Measurement and Dimension	2, 3, 4, 5, 6

**Course Outline**

Course outline	
Unit 1	Introduction to Geometry
Unit 2	Reasoning and Proofs
Unit 3	Lines and Angles
Unit 4	Triangles I
Unit 5	Triangles II
Unit 6	Special Right Triangles and Trig.
Unit 7	Semester Wrap-up

**Course Work**

Students begin by logging into their IA Campus Course pages (UNITS tab) and follow the Getting Started (GS) instructions and complete the GS assignment. This will introduce Odyssey, our interactive online curricula and perform a system check to be sure their computer has all the add-ons needed to run the lessons. It is the responsibility of user to install any add-ons suggested and/or to remove any program that will affect the use of the online curriculum.

After the GS is completed, students will:

- o Log into Odyssey and take the Diagnostic. The results will create a Learning Plan to cover the standards and concepts not passed.
- o Students then work on the assigned lessons. Scores of at least 75% must be earned to progress to the next assigned lesson. Three attempts are allowed on each quiz. Please contact the teacher for help before making the third attempt.
- o Each unit concludes with a chapter test in Odyssey which **may only be taken once** and a summative test in the iA Campus.
- o Students then submit a unit summary in the iA Campus page.

The same procedure is followed for the remaining Standards.  
The course concludes with a cumulative final.

Math is like sports or music, you can understand what to do, but if you don't practice, your skills will be weak. You may need to do all the practice problems available and then some.

### **Grading**

**Geometry 1R is a pass (C)/ no credit class. Students must demonstrate mastery of each standard to earn a passing grade.** Students can demonstrate mastery by;

- o Chapter test scores from Odyssey.
- o Checkpoints, Unit reflections, and other assignments posted by the teacher in the iA Campus.

### **Revision Policy**

Students will be given three attempts to achieve mastery (70%) of each quiz. Students will be given the opportunity to revise work not done at a passing level by communicating with the teacher.

Chapter tests, and the final exam cannot be retaken.

**Please be aware** that the program can mark a quiz answer incorrect when it is correct. *When this occurs, it is the student's responsibility to communicate to the teacher. Be detailed when explaining the mathematical steps used to compute the answer.* The teacher will review the problem and the student's solution to determine if full or partial credit should be given.

### **Occupational Credit:**

This course may qualify for \*occupational credit. Please consult your school counselor for further clarification.

\*Please note that FLA901 (Sign Language) does not qualify for occupational credit.

