Grade 11
Distance Learning Module 9: Week of: 6/1/2020-6/5/2020
Solving Right Triangles

Pre-Calculus Level 2 - *Modified from Unit D - Trigonometry*

Targeted Goals from Stage 1: Desired Results

Content Knowledge: solving right triangles and the Law of Sines

Vocabulary: Sine, cosine, tangent ratios, Law of Sines, Ambiguous case

Skills: Solving triangles using right triangle trig and the Law of Sines

Expectations:

Description of Task (s):	Resources and Materials:	Daily Checks (Return to Google Classroom or snapshots from a cell phone)
Monday: Right triangle trigonometry	Video: Trig Ratios of Right Triangle Article: Intro to Inverse Trig Functions Smart Notes: Right Triangle Trigonometry	Khan Practice: Trig Ratios in RT
Tuesday: Law of Sines for ASA and AAS triangles	Video: Solving for a side with the law of sines Video: Solving for an angle with the law of sines Smart Notes: LOS	Practice: Solve triangles using the law of sines
Wednesday: Law of Sines - the Ambiguous Case	LIVE class Smart Notes: LOS - part 2	Textbook problems
Thursday: Solving triangles practice	LIVE class Application problems	Textbook problems
Friday: Review on solving triangles	Review 7.1-7.2	Graded assignment

Week criteria for success:
Students will be able to: Solve triangle using right triangle trig or the Law of Sines

Supportive resources and tutorials for the week (plans for re-teaching):
- Office Hours
- Textbook
- Extra Practice Worksheets:
    - Law of Sine Practice Worksheet
    - Ambiguous Case Practice Worksheet