

AFM Unit 2: Triangle Trigonometry

Objective 2.04 Use trigonometric (sine, cosine) functions to model and solve problems; justify results.

- Solve using tables, graphs, and algebraic properties.
- Create and identify transformations with respect to period, amplitude, and vertical and horizontal shifts.
- Develop and use the law of sines and the law of cosines.

Day	Topic
1 Monday, February 12	Unit 2 Day 1 Notes: Right Triangle Trig & <ul style="list-style-type: none">• trig ratios• solving right triangles • omit problems like (21-36 on p 462) Right Triangle Trig Word Problems
2 Tuesday, February 13	Unit 2 Day 2 Notes: Angles of Elevation/Depression
3 Wednesday, February 14	Unit 2 Day 2 Notes Cont.: Angles of Elevation/Depression Cont.
4 Thursday, February 15	Unit 2 Day 3 Notes: Area of a Triangle
5 Friday, February 16	Unit 2 Day 4 Notes: Law of Sines & Law of Sines – The Ambiguous Case
6 Monday, February 19	Unit 2 Day 5 Notes: Law of Cosines
7 Tuesday, February 20	Unit 2 Test Review
8 Wednesday, February 21	Unit 2 Test