Instructional Flow – Unit 9 *Trigonometry*

10.1 **Tangent Ratios** • definition and applications

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10.2 **Sines and Cosines** • definitions and applications

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10.3 ***Extending the Trigonometric Ratios*** • definition of angles greater than 180° and less than 0° • unit circle definitions of sine, cosine, and tangent

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10.4 ***The Law of Sines*** • derivation of the Law of Sines • applications

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10.5 ***The Law of Cosines*** • derivation of the Law of Cosines • applications

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10.6 ***Vectors in Geometry*** • definition • vector sums