

MATH 1316 DVD and VIDEO LIST

Video tapes and DVDs may be checked out in the LRC or viewed in the Learning Center.

Take A Teacher Home - Mathematics Series for Trig 9e Lial

Chapter/ Section	Title	Topics
1.1	Angles [AND] Angle Relationships And Similar	Angles and Angle Relationships And Similar Triangles
1.2	Angles [AND] Angle Relationships And Similar	Angles and Angle Relationships And Similar Triangles
1.3, 1.4	Definitions Of The Trigonometric Functions And	Definitions Of The Trigonometric Functions And Function Values Of The Quadrantal Angles; The Reciprocal Identities; Ranges Of Trigonometric Functions
1.4	Signs Of Function Values [AND] The Pythagorean	Signs Of Function Values; The Pythagorean Identities And The Quotient Identities
2.1	Trigonometric Functions Of Acute Angles [And] Exact	Trigonometric Functions Of Acute Angles; Exact Trigonometric Functions Of Special Angles
2.2	Trig Functions Of Non-Acute Angles & Finding Trig	Trigonometric Functions Of Non-Acute Angles; Finding Trigonometric Function Values Using A Calculator
2.3	Trig Functions Of Non-Acute Angles & Finding Trig	Trigonometric Functions Of Non-Acute Angles; Finding Trigonometric Function Values Using A Calculator
2.4	Solving Right Triangles & Applications Of	Solving Right Triangles; Applications Of Right Triangles
2.5	More Applications Of Right Triangles	More Applications Of Right Triangles
3.1, 3.2	Radian Measure & Applications Of Radian Measure	Radian Measure; Applications Of Radian Measure
3.3	Circular Functions Of Real Numbers	Circular Functions of Real Numbers And Negative – Angle Identities
3.4	Linear And Angular Velocity	Linear And Angular Velocity
4.1, 4.2	Graph Of The Sine And Cosine I: Amplitude And	Graphs Of The Sine And Cosine Including Amplitude And Period And Phase Shifts And Vertical Transformations
4.3	Graphs Of The Tangent And Cotangent [AND] Graphs Of	Graphs Of The Tangent And Cotangent; Graphs Of The Secant And Cosecant
5.1	Circular Functions Of Real Numbers	Circular Functions of Real Numbers And Negative – Angle Identities . Sec. 5.1 reviews The Reciprocal Identities, Pythagorean Identities, and Quotient Identities. You may refer to Sec. 1.4 for these tapes.
5.2, 5.3, 5.4	Verifying Trigonometric Identities [And] Sum &	Verifying Trigonometric Identities And Sum And Difference Identities For Cosine And Sum And Difference Identities For Sine And Tangent
5.5, 5.6	Double Angle Identities [And] Half Angle Identities	Double-Angle Identities; Half-Angle Identities
6.1	Vectors And Applications [&] Inverse Trig Functions	Vectors And Applications; Inverse Trig Functions
6.2	Trigonometric Equations	Trigonometric Equations
6.3	Solving Trig Equations With Multiple Angles	Solving Trig Equations With Multiple Angles
7.1 & 7.2	Law Of Sines	Law Of Sines

7.3	Law Of Cosines	Law Of Cosines
7.4 & 7.5	Vectors And Applications [&] Inverse Trig	Vectors And Applications; Inverse Trig Functions
8.1	Complex Numbers	Complex Numbers
8.2, 8.3, 8.4	Trig Form Of Complex Numbers [And] Product And Quotient	Trig Form Of Complex Numbers And Product And Quotient Theorems And Powers And Roots Of Complex Numbers

*Videotapes and DVDs may be checked out in the NHC Library to take home or at the Main Desk in the Learning Center (LC) to view in the LC. DVDs are formatted for standard DVD players. They may not be compatible with some computers.

*A Math 1316 Final Exam Review can be accessed at the following website: <http://nhmath.lonestar.edu/>