

Mrs Coursey's Precalculus Class Oct. 24, 2011

What is my child supposed to learn in Precalculus?

The standards of success should be clear to every student, parent, and teacher. Many teachers, parents, and community leaders have contributed to the creation of standards for mathematics and language arts to be used across the United States beginning in 2009. These standards raise and clarify expectations for each grade level.

Look at the standards online for any grade at:

WWW.CORESTANDARDS.ORG/THE-STANDARDS/MATHEMATICS

CLASS NOTES

Last week students completed an ACT Crash Course. This benefits all students, not only the ones taking the ACT, by letting them review key prerequisite skills and fundamental mathematical concepts. This week students will be examining the graphs of tangent, cotangent, secant, and cosecant functions.

Learning Targets for the Week

- I can graph the tangent, cotangent, cosecant, and secant functions.
- I can describe characteristics of the trigonometric function's graphs using appropriate vocabulary.
- Review: I can find the period and amplitude of sine and cosine functions.
- Review: I can graph sine and cosine functions.
- Review: I can find the sine, cosine, and tangent of angles in the coordinate plane.
- Review: I can sketch angles greater than 360 degrees or 2 pi radians.
- Review: I can sketch positive or negative angles.

Learning Check This Friday!

Quiz topics this week include the following textbook lessons:

- 4.5 *Tangent, Cotangent, Cosecant, & Secant Functions*
- 4.4 *Sine & Cosine Functions*
- 4.3 *Circular Functions*

ACT Test Info

Students can register to take the ACT test on Saturdays at many testing sites in the region. Go online to www.actstudent.org to register. Upcoming test dates include:

December 10, 2011

February 11, 2012

April 14, 2012

June 9, 2012