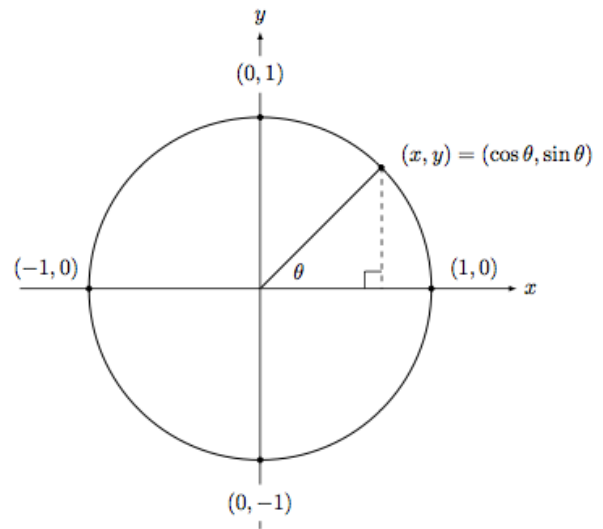# PRECALCULUS – UNIT 5A – THE UNIT CIRCLE

Standards:

Students will use the circle to define trigonometric functions.
a. Define and understand angles measured in degrees and radians.
b. Understand and apply the six trigonometric functions as functions of the general angles in standard position.
c. Find values of trigonometric functions using points on the terminal sides of angles in the standard position.
d. Understand and apply the six trigonometric functions as functions of arc length on the unit circle.
e. Find values of trigonometric functions using the unit circle.

** This is a NO CALCULATOR unit!! **

Monday November 4	**TEST** – OBLIQUE TRIANGLE TRIG HW: Angles Review WS … *You need to know this again!!*
Tuesday November 5	*Student Holiday / Teacher Workday*
Wednesday November 6	*The Unit Circle – Quadrant I* Outline … add degrees, radians, and ordered pairs Trig Values in Quadrant I WS
Thursday November 7	*The Unit Circle – Degrees & Radians* Outline … add degrees, radians, and ordered pairs Trig Values WS#1 Parts I and II
Friday November 8	*The Unit Circle – Degrees & Radians* The Unit Circle Practice WS
Monday November 11	**Quiz Part A** – Memorization of Unit Circle *(Timed – 5 Minutes)* Standard Trig Values Review WS
Tuesday November 12	*Group Game – It's a Card Trig* More Unit Circle Practice WS
Wednesday November 13	**Quiz Part B** –Find Trig Values: Degrees and Radians