



Dear Educators,

If you are interested in receiving graduate credit from Friends University for your workshop attendance and brief assignment completion, please take note of the following information:

3. KSDE Regional Math Trainings

CRN 20461

MATH 2608-03

Term: Spring 2017 (transcript will show spring 2017 term)

Credit Offered: 1 graduate credit

Grade Levels: PreK-12

Amount Due to Friends University: \$85.00

Instructor of Assignment for Credit: LISA LAJOIE-SMITH

Date Offered: 02/06/2017 (if you enroll **AFTER** the start date, enter your current date and leave the end date blank-enrollment will close on 02/15/2016) You must complete an **Application for Graduate Workshop Attendance AND a Registration/Payment** form online, so please plan ahead (see details below-can take 2-3 days, if you are a new student).

Time: 8:00 AM - 4:00 PM

Location: Wichita Area Technical College

4004 N. Webb Rd. Wichita KS 67226

Description: Please join us as we have topics for educators in the mathematics world.

Administrators will have the opportunity to collaborate on parent communication and rethinking acceleration in Middle/High School, as well as have the opportunity to see what Math "Look-Fors" are in the mathematics classroom. Elementary participants will engage in number sense activities, common situations (addition/subtraction & multiplication/division), and fraction number sense activities. Middle and High School participants will participate in discussions and activities that allow them to consider the deep mathematical ideas of functions and how to make these concepts accessible to MS and HS students. Participants will leave these sessions with a deeper understanding of functions as well as classroom ready activities to help their students gain these understandings. Participants will be introduced to a variety of strategies that will impact students' learning of the geometry standards. This will be a time for participants to collaborate with others regarding the effective implementation and integration of the geometry standards. A white paper on acceleration and the research based and the description of the pipeline for Grade 6-12 Mathematics will also be shared. We will also explore how the brain works and what we can do to help students move from just "learning mathematical information" to "knowing the math and how to use and apply it." We will learn and experience how struggle and mistakes are critical for mathematical learning. We will develop rich mathematical tasks to meet our grade level standards, and we will practice methods of teaching for a growth mindset. **This workshop will meet at the Wichita Area Technical College 4004 N. Webb Rd. Wichita KS 67226. For course information, contact Lisa at lisa_lajoiesmith@friends.edu.**