

Mathematics Lost in Transition Institute

Thursday, April 4- Friday, April 5, 2013

Northern Wyoming Community College District, Gillette College, Gillette, WY
Technical Education Center, Room 136 B/C

Institute Goals

1. Identify better ways for students to bridge the gap between high school and higher education mathematics classes.
2. Decrease the number of students needing to enroll in remedial or non-credit college mathematics classes.
3. Examine connections to the Common Core State Standards in mathematics with a focus on dual/concurrent enrollment and faculty certification.
4. Foster conversation and collaboration across secondary and postsecondary levels for educators teaching college algebra, problem solving, calculus, and mathematics for elementary education majors.

Agenda

Thursday, April 4

6:00-6:30 pm Registration and welcomes

6:30-8:30 pm Dinner and panel discussion - Making a successful leap: High school to higher education mathematics, Common Core State Standards

Panel: J. Araas, Curtis Biggs, Boyd Brown, LeeAnn Cox, Amber Larson, Andy Richert, Bertine Bahige (faculty from Campbell County School District #1 and Sheridan College)

Friday, April 5

7:30-8:00 am Light breakfast

8:00-8:15 Welcomes, the day's agenda

8:15-9:00 Large group grounding - McTighe and Wiggins white paper, "From Common Core State Standards to Curriculum: Five Big Ideas"

9:00-9:45 David Anton, UW Math Lab, student success data (presentation, questions/comments)

9:45-10:00 Stretching break

10:00-11:15 Examining student work: Small group break outs for college algebra, problem solving, calculus, trigonometry, and mathematics for elementary education majors

11:15-11:45 Large group reporting out: ahas and oh nos!

11:45-12:00 Wrap up and evaluation of the day's work

12:00 pm Adjourn to attend the articulation luncheon

Event Sponsors

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Northern Wyoming Community College District - www.sheridan.edu/site

Mathematics Department, University of Wyoming - www.uwyo.edu/math

Science and Mathematics Teaching Center, University of Wyoming - www.uwyo.edu/smtc

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